

ZB# 70-14

Checkerboard Properties

(no SBL)

70-14
Checkerboard
Properties
10-1-70
1:45:25
S.S.

file

BEFORE
PLEASE TAKE NOTICE that the
Zoning Board of Appeals of the
Town of New Windsor, New York
will hold a public hearing pursuant
to Section 48-33A of the Zoning
Ordinance on the following Proposition:

Appeal No. 14
Request of CHECKERBOARD
PROPERTIES, INC. for a Variance
of the regulations of the Zoning
Ordinance, to permit construction
of signs for the Jack-In-The-Box
Drive-In, being a Variance of Article
III, Section 48-9B (8), for property
owned by him situated as follows
on the East side of Rt. 32, Town
of New Windsor, bounded on the
north by Park Lane Furniture and
on the south by lands of Harold
Adams.

SAID HEARING will take place
on the 17th of August, 1970, at
the New Windsor Town Hall, 555
Union Avenue, beginning at 8 o'clock
P.M.

PATRICIA DELIO
Secretary

Aud. 7

**State of New York
County of Orange, ss:**

Hugh V. Nocton

, being duly sworn deposes and
says that he is Principal Clerk of Newburgh-
Beacon News Co., Inc., Publisher of The Evening News.
a daily newspaper published and of general circulation in
the Counties of Orange and Dutchess, and that the notice
of which the annexed is a true copy was published
One Time
.....

in said newspaper, commencing on the 7th day of
August A.D., 19 70 , and ending on
the 7th day of August A.D., 19 70

Subscribed and sworn to before me this

7th day of August 19 70

Hugh V. Nocton
Clerk

Notary Public of the State of New York, County of Orange.
MY COMMISSION EXPIRES MARCH 30, 1977



Veronica Avenue
New Windsor, N. Y. 12550
September 8, 1970

Orange County Planning Dept.
County Building
Goshen, N. Y. 10924

Attn: Mr. Garrison

Re: Application for Variance
of Checkerboard Properties, Inc.

Dear Mr. Garrison:

Please be advised that the only matter before the Zoning Board of Appeals is the request of the applicant to erect a 3 sided sign on the Jack-In-the-Box building on Rt. 32 in the Town of New Windsor, which consists of a total of 101 sq. feet each, which is 51 ft. in excess of the requirements per each wall.

Applicant at the present time has withdrawn his application for the 4 sided free-standing sign.

Also, please be advised that the menu sign applied for is a single-faced sign with an area of 33 sq. ft (Zoning Ordinance permits 40 sq. feet.)

Very truly yours,

Louise A. Budney,
Chairman

/pd

cc: Richard J. Drake, Esq.

Howard Collett, Bldg. Inspector
Town of New Windsor

7 Franklin Avenue
New Windsor, N. Y. 12550
September 25, 1970

Scott, Hoyt & Drake
233 Liberty Street
Newburgh, N. Y. 12550

Attn: Richard J. Drake, Esq.

Re: Application for a Variance
of Checkerboard Properties, Inc.

Dear Mr. Drake:

Please be informed, that at a meeting of
the Zoning Board of Appeals held on September 21, 1970,
it was the decision of the Board to grant the above
application for a variance.

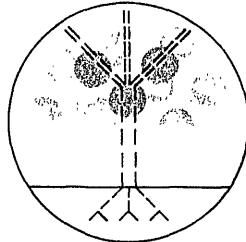
Thank you for waiting so patiently for this
decision.

Very truly yours,

Patricia Delio,
Secretary

cc: Howard Collett, Bldg Inspector
Town of New Windsor
Town Hall - 555 Union Ave.
New Windsor, N. Y. 12550

Department of Planning



Peter Garrison, A.I.P., Commissioner
Edwin J. Garling, A.I.P., Deputy Commissioner

County of Orange

The County Building
Goshen, New York 10924
(914) 294-5151

Louis V. Mills, County Executive

September 10, 1970

Mrs. Louise A. Budney, Chairman
New Windsor Town Zoning Board of Appeals
Veronica Avenue
New Windsor, New York 12550

Re: Sign Variance
Checkerboard Properties

Dear Mrs. Budney:

We are in receipt of your letter and that of the applicant's attorney, both dated September 8, 1970, which indicate that the applicant has withdrawn his application for a four-sided rotating sign and has clarified the visible area of the menu sign. Therefore, in accord with the last paragraph of our letter of July 13, 1970, we have taken a new look at this application.

County approval is hereby granted on the basis that the sign for which a variance is requested is an integral part of the building and should have no adverse effect upon Windsor Highway - Route 32.

Very truly yours,

Peter Garrison
Commissioner of Planning

PG:f

cc: Richard J. Drake

Adopted 12/20/65

APPLICATION FOR VARIANCE

Application No. 70-14
Date: June 29 1970

TO THE ZONING BOARD OF APPEALS OF THE TOWN OF NEW WINDSOR, NEW YORK

I (We) CHECKERBOARD PROPERTIES, INC. of c/o Scott & Hoyt & Drake, Esqs.

(Street & number)

233 Liberty Street

Newburgh

New York

HEREBY MAKE

(State)

APPLICATION FOR A VARIANCE:

- A. LOCATION OF THE PROPERTY (no number) Route 32, LB
(Street & number) (Use district on Zoning Map)
- B. PROVISION OF THE ZONING ORDINANCE APPLICABLE: (Indicate the article, section, sub-section and paragraph of the Zoning Ordinance applicable, by number. Do not quote the ordinance.) Section 48.9 B (d)
- C. NOTE: NECESSARY FINDINGS: Before any Variance is granted, the Zoning Board of Appeals must find all of the following conditions to be present:
1. Conditions and circumstances are unique to the applicant's land, structure or building and do not apply to the neighboring lands, structures or buildings in the same zone because: Applicant is a nationally designed drive-in restaurant which requires unique sign designating name and establishment as JACK-IN-THE-BOX
 2. Strict application of the provisions of this ordinance would deprive the applicant of a reasonable use of the land, structure or building in a manner equivalent to the use permitted to be made by other owners of their neighboring lands, structures or buildings in the same zone because: Use of applicant's property is permitted. Variance is sought for signs designating drive-in restaurant and distinguishing unique appearance of the restaurant's name.
 3. The unique conditions and circumstances are not the result of actions taken of the applicant subsequent to the adoption of the Ordinance because: Sign application is standard for applicant throughout area of its operation. Nature of operation requires the sign to be geared to the name of the establishment. The signs, in conjunction with the restaurant, are unique to applicant and are an integral part of applicant's operation.

4. Relief, if approved will not cause substantial detriment to the public good or impair the purposes and intent of this Ordinance because: The signs sought to be erected by applicant are not usually large and, in most instances, not as large as signs already existing in the immediate area.
5. Relief, if approved, will not constitute a grant of special privilege inconsistent with the limitations upon other properties in the zone because: The use is permitted in the zone requested.
Variance is sought to permit erection of signs larger than 40 sq. ft.
- D. Describe in detail how the property is to be used and submit plans or sketches in duplicate.
Plans are submitted and incorporated herein by reference.

E. Application to be accompanied by a check, payable to the Town of New Windsor in the amount decided by the Board. Application to be returned to: Secretary of the Zoning Bd. of Appeals.

F. NOTICE OF HEARING: Applicant agrees to send notice of any public hearing via registered mail to all abutting land owners as required by Section 9.4.1 of the Ordinance.

G. If the property in question is located within a radius of 500 ft. of an adjoining municipality, the Board should be notified.
Also, have your attorney check Sec. 239m of the General Municipal Law to see if it applies. If so, notify the Orange County Planning Bd.

Dated: June 29, 1970

CHECKERBOARD PROPERTIES INC.
By: Scott H. West

Signature of Applicant

STATE OF NEW YORK) SS
COUNTY OF ORANGE)

Sworn to on this 29 day of June 1970 233 Liberty St., Newburgh, N.Y.

Address

KATHRYN F. WEST
Notary Public State of New York (Notary Public)
Qualified in Orange County
Term expires Mar. 30, 1971

562-3540

Telephone No.

DO NOT WRITE IN THIS SPACE

Application No. 70-14

Date of Hearing Aug. 17, 1970

Date of Decision Sept. 21, 1970

Date Received June 29, 1970

Notice Published Aug. 7, 1970

DECISION:

Granted

SCOTT & HOYT & DRAKE
ATTORNEYS AND COUNSELORS AT LAW

J. BRADLEY SCOTT (1894-1962)
JULIUS LARKIN HOYT
RICHARD J. DRAKE

LORRAINE COTÉ DEVERS

POST OFFICE BOX 511
233 LIBERTY STREET
NEWBURCH, NEW YORK 12550
(914) 562-3540

September 2, 1970

Mrs. Louise A. Budney, Chairman
Town of New Windsor Zoning Board of Appeals
16 Veronica Avenue
New Windsor, New York 12550

Re: Checkerboard Properties, Inc.
Variance - Signs

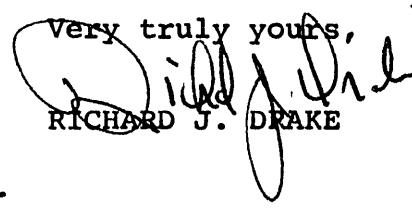
Dear Mrs. Budney:

I was very distressed to receive a telephone call from Mr. Howard Collett, indicating that Checkerboard Properties had erected signs without a Building Permit on their property on Route 32. Apparently, through an oversight on the part of the Board, no action was taken on this although Mr. Swenson had been led to believe that the necessary approvals had been made.

I called the Orange County Planning Department and informed them of the action taken and they wanted a written communication from the Zoning Board of Appeals as to the amendment of our application.

I realize that we are approaching vacation schedules and the normal Labor Day conflicts with your regular scheduled meeting but anything that the Board could do to assist us in this matter would be very greatly appreciated since to delay until September 21st would be financially very prejudicial to my clients.

In the Town of Newburgh, when a situation such as this arises, we sometimes have an informal meeting or an executive session meeting by telephone to confirm the action taken. Anything that could be done would be greatly appreciated.

Very truly yours,

RICHARD J. DRAKE

RJD:kfw

cc: Bernard J. Sommers, Esq.
280 Broadway
Newburgh, New York 12550

SCOTT & HOYT & DRAKE
ATTORNEYS AND COUNSELORS AT LAW

J. BRADLEY SCOTT (1894-1962)
JULIUS LARKIN HOYT

RICHARD J. DRAKE

LORRAINE COTÉ DEVERS

POST OFFICE BOX 511
233 LIBERTY STREET
NEWBURGH, NEW YORK 12550

(914) 562-3540

June 30, 1970

Mrs. Patricia Delio, Secretary
New Windsor Zoning Board of Appeals
7 Franklin Avenue, M.D.42
New Windsor, New York 12550

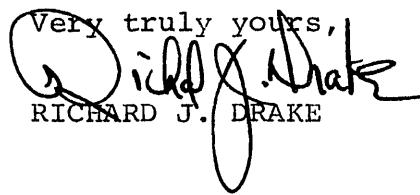
Re: Checkerboard Properties, Inc.

Dear Mrs. Delio:

I enclose an application for a variance on behalf of Checkerboard Properties, Inc. to erect signs on its property on Route 32 larger than those set forth in your ordinance.

I also enclose a proposed public notice of hearing, together with a copy of a list of property owners within five hundred feet of the property in question received from Mr. Weyant.

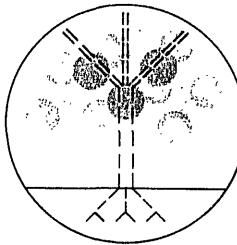
I enclose a check for \$25.00. Would you kindly publish the notice after Mrs. Budney has signed, and call me to confirm the hearing for the 17th of August so I may send out the registered letters with the accompanying public notice.

Very truly yours,

RICHARD J. DRAKE

RJD:kfw
enc.

Department of Planning

Peter Garrison, A.I.P., Commissioner
Edwin J. Garling, A.I.P., Deputy Commissioner



County of Orange

The County Building
Goshen, New York 10924
(914) 294-5151

Louis V. Mills, County Executive

July 13, 1970

Mrs. Louise A. Budney, Chairman
Town of New Windsor Zoning Board
of Appeals
16 Veronica Avenue
New Windsor, New York

Re: Variance - Signs for Checkerboard Properties,
Route 32

Dear Mrs. Budney:

We are in receipt of the above and have made our review under the provisions of Sections 239 l and m of the General Municipal Law.

According to our interpretation of the application and the sign provisions of Section 48-9B8, the following items are being considered by your Board:

1. The placement of three (3) wall display signs with an area of about 101 square feet each. The ordinance permits one (1) such sign on each wall fronting on a street or public parking lot and not greater than two times the length in feet of such wall. Since the length of the wall is thirty (30) feet, the maximum aggregate area permitted would be sixty (60) feet per sign per wall. Furthermore, since the building fronts a single street and the definition of a public parking lot is not clear, a range of from one (1) to three (3) wall signs would be permitted.
2. Two (2) free standing signs: one thirty-five (35) feet in height, four (4) sided, with a revolving head, and an aggregate area of one-hundred forty-four (144) feet; the other, a double faced menu sign with an aggregate area of about sixty-six (66) square feet and six (6) feet seven

Mrs. Louise A. Budney

- 2 -

July 13, 1970

and one-half (7½) inches in height. The ordinance permits one (1) free standing sign with a total area of all faces of not more than forty (40) square feet.

Although this property is located in an area where adjoining uses and signs have not been properly controlled or regulated, we feel that this application is excessive and deviates rather substantially from the sign provisions of the Local Business District and therefore deny County approval. If the applicant can modify the number and types of signs to be used, we would revise our review accordingly.

Very truly yours,



Peter Garrison
Commissioner of Planning

PG:f



OFFICE OF THE ASSESSOR

TOWN OF NEW WINDSOR

Chairman
Ellsworth E. Weyant
23 Clinton Wood Drive
New Windsor, New York 12550
(914) 561-5482

RE: Checkerboard Properties, Inc.

1763

Goldenerea Shopping Center, Inc.
Main Street
Florida, New York

Windsor Building Supplies Co., Inc.
P. O. Box 27
Newburgh, New York 12550

Kroposki, Henry & Walter
c/o Park Lane Furniture Co.
Box 115
Vails Gate, New York 12584

Adams, Harold J.
Highland Avenue
Maybrook, New York

Lukacik, Robina G.
Vails Gate, New York 12584

Lukacik, Robina & Paul J.
Vails Gate, New York 12584

D'Lorah Estates, Inc.
c/o Adams, Harold
Highland Avenue
Maybrook, New York

City School District of Newburgh
98 Grand Street
Newburgh, New York 12550

The Vails Gate Fire Company
Vails Gate, New York 12584

Wolder, Victor R. &
Moser, Edgar E.
6 Hawthorne Avenue
Port Chester, New York

Respectfully submitted,

Ellsworth E. Weyant, pt
ELLSWORTH E. WEYANT, Chairman
Board of Assessors
Town of New Windsor

EEW/pt

ZBA

APPLICATION is hereby made for the following:

Agenda Service _____

1. Name Checkerboard Properties, Inc
Address c/o Scott Hart - Drury
233 Liberty Street, Newburgh

Telephone Number 562-3544

Are you the owner of the property? Yes

2. Briefly describe intention (or attach) and location of property: East side Rt. 32 opposite Big V mall, adjacent to Park Lane Inn. To erect signs as per print of California Neon 35 feet free standing signs. Building signs on building walls.

PLANNING BOARD

Site Plan Preliminary Meeting

Subdivision Preliminary Meeting

Informational Meeting

AGENDA DATE

ZONING BOARD OF APPEALS

Interpretation of Ordinance or Map

Variance (Notify P/B - Plans if necessary)

Informational Meeting

AGENDA DATE

No. 70-14

BUILDING PERMIT

Planning Board action needed

ZBA action needed

Site Plan needed

Subdivision approval needed

Water, Sewer and Highway action needed

Payment of all fees, permit fees and charges

Submission of true and undivided title to the source of

✓Agenda

Service

1. Name Checkered Barn Properties, Inc.
Address 84 Scott-Hugh-Drake
233 Liberty Street, Newburgh
Telephone Number 562-3544

are you the owner of the property? Yes

2. Briefly describe intention (or attach) and location of property: East side Rt. 32 opposite Big V mall, adjact to Parkline Furnish. To erect signs as per print of (Altima) Neon 35 feet free standing signs. Building signs on building walls.

PLANNING BOARD

Site Plan Preliminary Meeting

Subdivision Preliminary Meeting

Informational Meeting

AGENDA DATE

ZONING BOARD OF APPEALS

Interpretation of Ordinance or Map

Variance (Notify P/B - Plans if necessary)

Informational Meeting

AGENDA DATE

b. 70-14

BUILDING PERMIT

Planning Board action needed

ZBA action needed

Site Plan needed

Subdivision approval needed

Water, Sewer and Highway action needed

PERMIT FEES

I understand my rights with fees, permits and charges
and the process and outcomes of the issuance of
permits. I understand that all will be paid and that
there will be no charge for holding or public hearings or meetings
and no charges for presenting fees for re-

viewing plans.

Signature

Scott & Hugh Drake

A jet for checkered properties, Inc

*Jack in the Box
Checkboard Properties*

March 2, 1970

Albee Sign Company
561 East 3rd Street
Mt. Vernon, N. Y. 10553

Re: Your Free Standing sign

Gentlemen:

In accordance with Sec. 48.9 B (d) on Page 4822 of the Code of the Town of New Windsor which states as follows:

(d) In addition, where the building is set back from the front lot line a distance of twenty-five (25) feet or more, not more than one (1) free-standing sign, with a total area of all faces of not more than forty (40) square feet may be erected not nearer than six (6) feet to any building. No such freestanding signs shall encroach on any required yard, except in a motor vehicle service station where one (1) standard sign may be erected in a required front yard for purposes of identification and a free-standing sign may be erected on the side yard facing the cross street of a corner property.

The print which you submitted was denied because of the above section.

Yours very truly,

Lawrence Jones

LJ:pd

NEON PORCELAIN PLASTIC -- STORE FRONTS -- SIGN MAINTENANCE & ERECTION

ALBEE SIGN CO.



serving metropolitan new york northern suburbia

561 East Third St., Mount Vernon, N.Y. 10553 (914) **668-0201**

March 5th, 1970

Mr. Lawrence Jones,
Building & Zoning Inspector
244 Union Ave.
New Windsor, N. Y. 12550

Dear Mr. Jones:

We are in receipt of your letter dated March 2nd, 1970 and we would like to erect a small sign according to size permitted and would appreciate getting your approval.

We would also like to put up larger signs and would appreciate hearing from you further. The sizes appear on the sketches submitted.

We did attempt to reach you by telephone to-day but there was no answer at your number. We would appreciate your advising us when we could speak to you.

Thank you for your cooperation.

Sincerely yours,

ALBEE SIGN COMPANY


Albert Lieberman

AL:rgm

NEON PORCELAIN PLASTIC -- STORE FRONTS -- SIGN MAINTENANCE & ERECTION

ALBEE SIGN CO.

serving metropolitan  new york northern suburbia

561 East Third St., Mount Vernon, N.Y. 10553 (914) **668-0201**

February 25th, 1970

Mr. Lawrence Jones, Bldg. Insp.
Town Hall - 555 Union Avenue
New Windsor, New York

Re: Permit for signs for
"Foodmaster Jack-in-the Box"
location at Route 32 and
Willow, New Windsor, New York

Dear Mr. Jones:

According to our telephone conversation on Tuesday,
February 24th, 1970, we are enclosing drawings of signs for
the Foodmaster - Jack-in-the-Box location at Route 32 and
Willow.

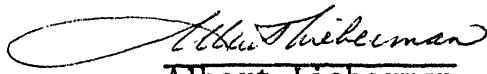
The pole sign with the "Jack-in-the-Box" figure, the
height above the ground can be reduced, if so desired.
As shown in drawing, there is a choice of either ground
sign 8 ft x 8 ft x 8 ft or 6 ft x 6 ft x 6 ft.

We are to be sign erectors at this location.

Enclosed is stamped, addressed envelope for your con-
venience. The approximate cost of signs is \$3,500.

Thank you for your cooperation and assistance.

Sincerely yours,
ALBEE SIGN COMPANY


Albert Lieberman

AL:rgm
Encl

TOWN OF NEW WINDSOR
ORANGE COUNTY, N. Y.
OFFICE OF ZONING - BUILDING INSPECTOR

NOTICE OF DISAPPROVAL OF BUILDING PERMIT APPLICATION

File No.

Date 3/13, 1970

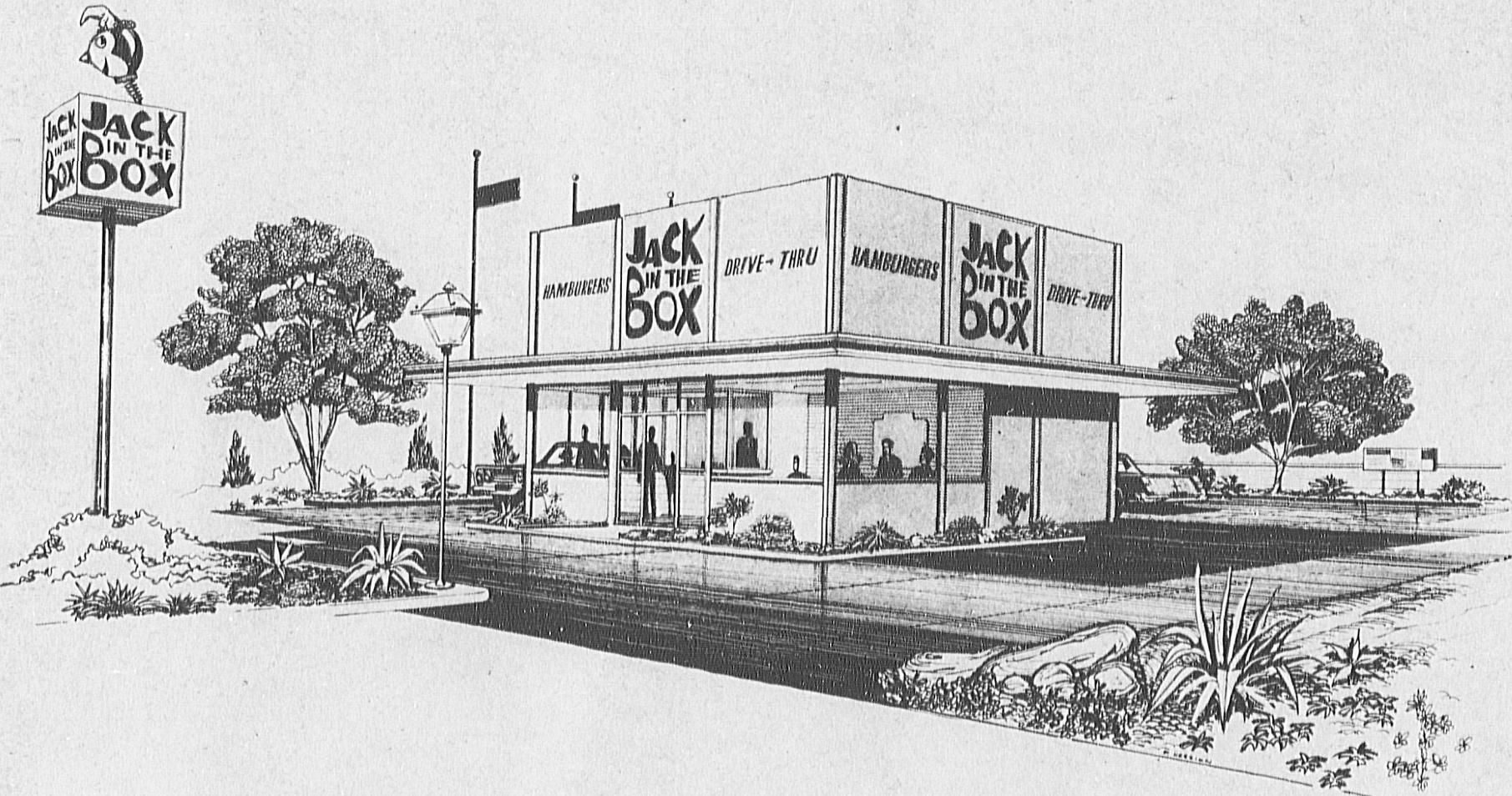
To Albee Signs Co.
..... 561 E 32nd Street
..... Port Vernon NY

PLEASE TAKE NOTICE that your application dated 2/25, 1970
for permit to Signs at property of Don Meyer
at the premises located at Route 32 + Willow Jack in the Box
..... New Ulm

is returned herewith and disapproved on the following grounds:

..... 48.9B(b) Signs area too large for building
..... 48.9B(d) Signs too large

..... Harold R. Pallett
Building Inspector



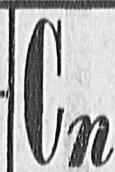
ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)

mark III bldg.



JACK in the BOX
RESTAURANT
LOCATION ROUTE 32 & WILLOW
NEW WINDSOR, N.Y.

Site No	SHEET CONTENTS		GENERAL VIEW
	Zone	REVISION	DATE
		02-100 GARDEN LAMP	1/2/68
			Date

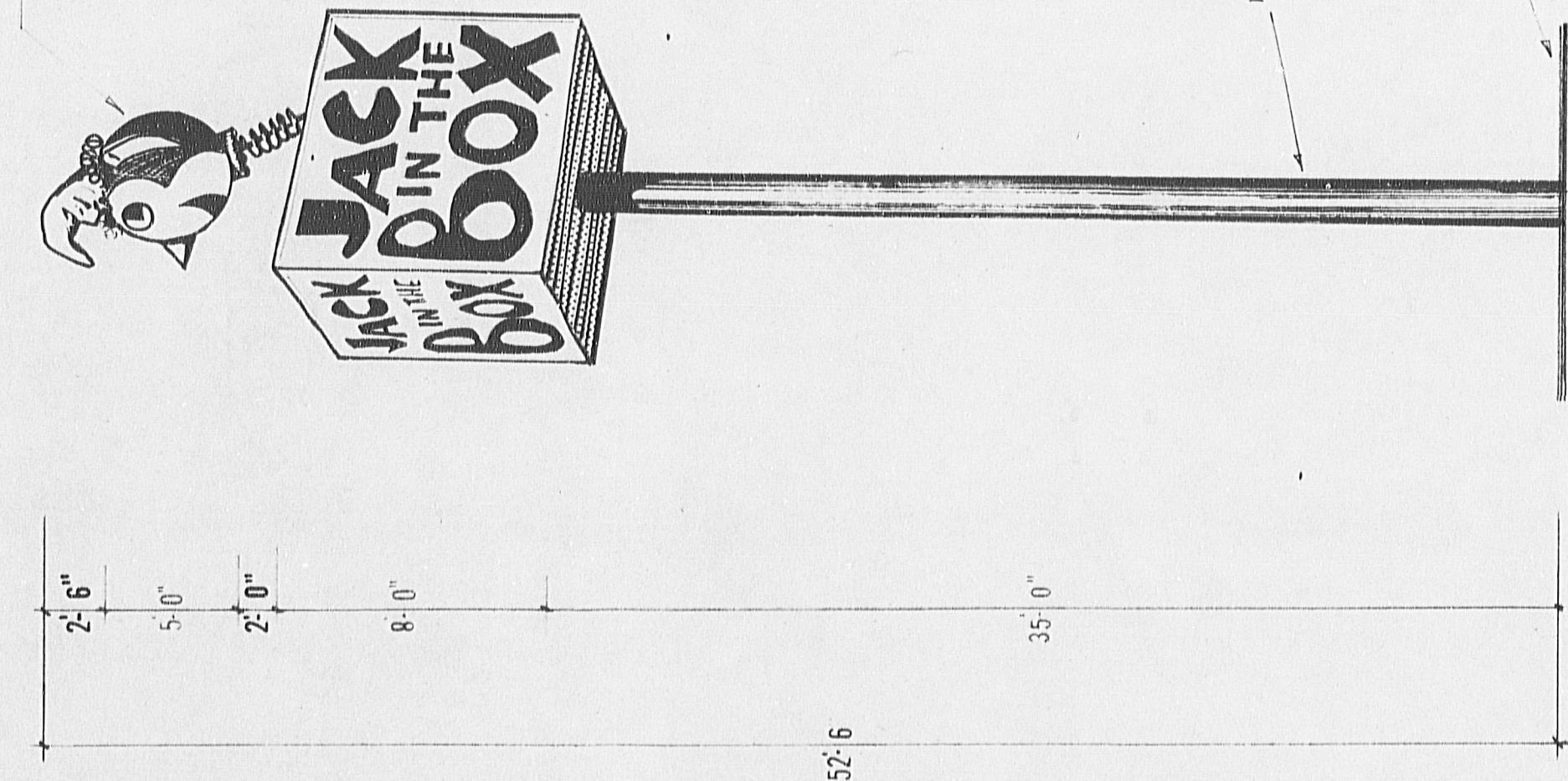


california neon
products 283-2191
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg. No. X
Sheet No. 1 of 1
Date 10/23/68
Revision No. 1
Scale -

	amps	watts	sq. ft.	area
REVOLV. UNIT	1.85	204	—	
5' diam HEAD	1.9	209	23	
8'x8'x8' BOX	11.7	1287	64	
TOTALS	15.45	1700	87	

REVOLVING HEAD



ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)



JACK in the BOX
RESTAURANT

LOCATION

Site No.	SHEET CONTENTS		8'x8'x8' PYLON DISPLAY	
Zone	Revision	Date		Cn

california neon
products 283-2191
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg No P
Sheet No 1 of 1
Date 6/9/67
Revision No
Scale

FOOTING DESIGN

DESIGN BASED ON 1964 EDITION OF UNIFORM BUILDING CODE - CH. 2B - (NON CONSTRAINED CONDITION.)

$$d = \frac{A}{2} \left(\left[1 + \sqrt{1 + \frac{4.36 h}{A}} \right]^{1/2} \right)$$

A = 2.34 P/S x .33 db

B = FOOTING WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE - GROUND TO POINT OF APPLICATION OF P

d = DEPTH OF FOOTING.

$$h = 104.700 / 2800 + 260 = 34'$$

SOIL CONDITION - 'POOR' d = 12.5' b = 3.0'

$$A = 2.34 \times 3060 / 200 \times .33 \times 12.5 \times 3 = 2.88$$

$$d = \frac{2.88}{2} \left[1 + \sqrt{1 + \frac{148}{2.88}} \right] = 11.8 < 12.5' \text{ OK}$$

SOIL CONDITION - 'AVERAGE' d = 10' b = 3.0'

$$A = 2.34 \times 3060 / 400 \times .33 \times 10 \times 3 = 1.8$$

$$d = \frac{1.8}{2} \left[1 + \sqrt{1 + \frac{148}{1.8}} \right] = 9.1 < 10' \text{ OK}$$

SOIL CONDITION - 'GOOD' d = 8' b = 2.5'

$$A = 2.34 \times 3060 / 1000 \times .33 \times 8 \times 2.5 = 1.35$$

$$d = \frac{1.35}{2} \left[1 + \sqrt{1 + \frac{148}{1.35}} \right] = 7.8 < 8' \text{ OK}$$

POLE DESIGN

WIND LOAD 20 P.S.F. 0'-60'

$$\text{AREA I} = 23^{\circ} \times 20 = 460^{\#}$$

$$\text{AREA II} = 64 \times 1.41 = 90^{\#} \times 20 = 1800^{\#}$$

$$\text{POLE} = 35^{\#} \times 20 = 700^{\#}$$

$$\text{TOTAL P} = 2960^{\#}$$

$$\begin{aligned} \text{BASE M} &= 460 \times (40.5 + 7.5) = 22,000 \\ &1800 \times (31.5 + 7.5) = 70,500 \\ &700 \times 35 \times .5 = 12,200 \\ M &= \frac{104,700}{12,200} = 8.6' \end{aligned}$$

USE 12"Ø STL. PIPE @ 53.52 #/ft

WALL = .406", S = 47.1 IN3
ASTM = A 53 PIPE GR. B'

$$f = \frac{104.7 \times 12}{47.1 \times 1.33} = 20 \text{ KSI OK}$$

ALTERNATE - USE 16"Ø STL. PIPE @ 52.36 #/ft

WALL = .312" S = 59.2 IN3
ASTM = A 53 PIPE GR. B'

$$f = \frac{104.7 \times 12}{59.2 \times 1.33} = 16 \text{ KSI OK}$$

S = 200 for "POOR" SOIL

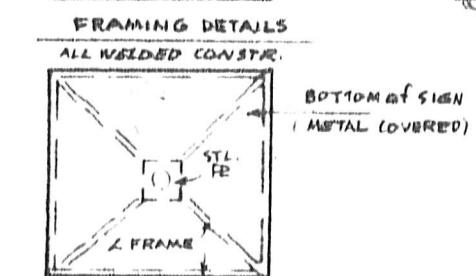
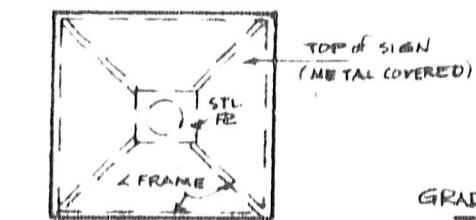
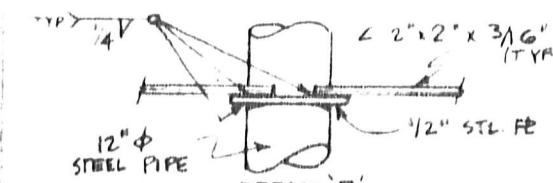
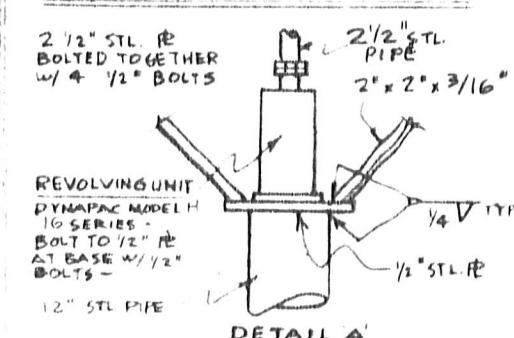
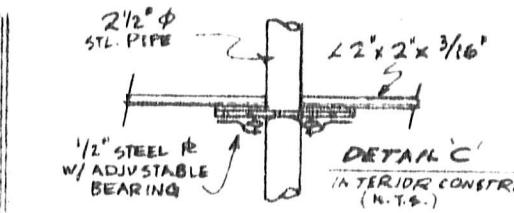
(SOFT CLAY, CLAY LOAM, POORLY COMPAKTED SAND, CLAYS CONTAINING LARGE AMOUNTS OF SILT - WATER STANDS DURING WET SEASON.)

S = 400 for "AVERAGE" SOIL

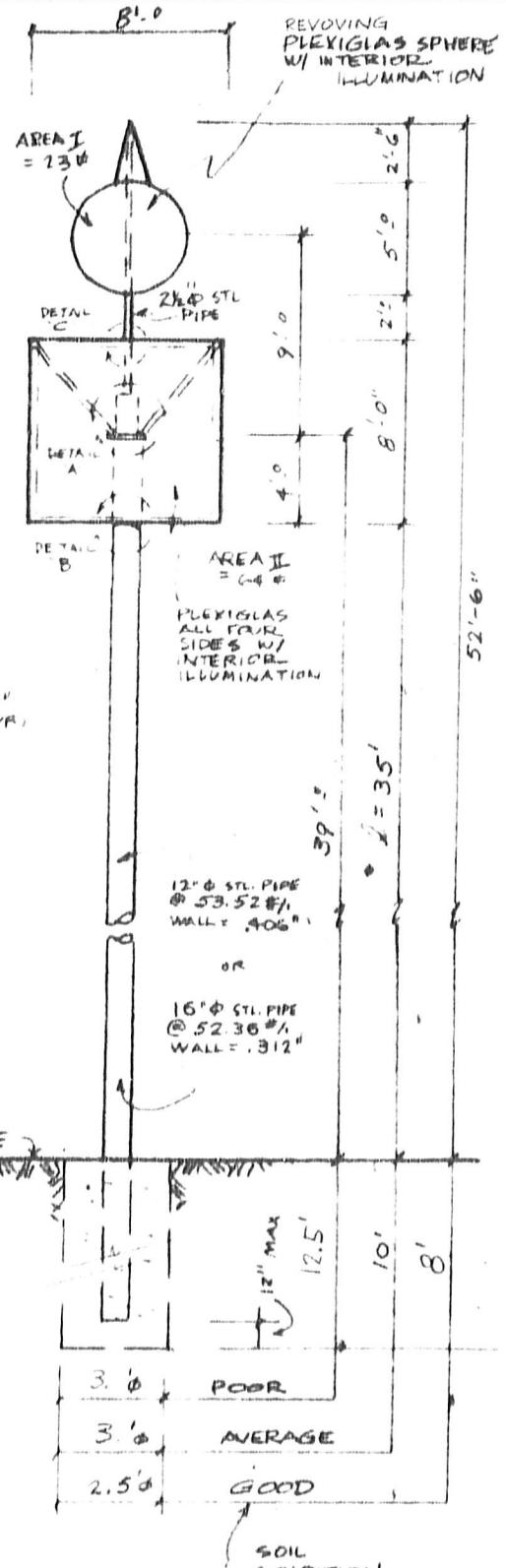
(COMPACT FINE SAND, MEDIUM CLAY, COMPACT SANDY LOAM, LOOSE COURSE SAND, - ALL DRAINED SO WATER WILL NOT STAND.)

S = 800 for "GOOD" SOIL

(COMPACT WELL GRADED SAND & GRAVEL, WELL GRADED FINE & COURSE SAND, HARD CLAY - ALL DRAINED SO WATER WILL NOT STAND.)



ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)
FOUR SIDED (REVOLVING HEAD)
PYLON SIGN



52'-6" HI @ 20 P.S.F. WIND



JACK in the BOX
RESTAURANT

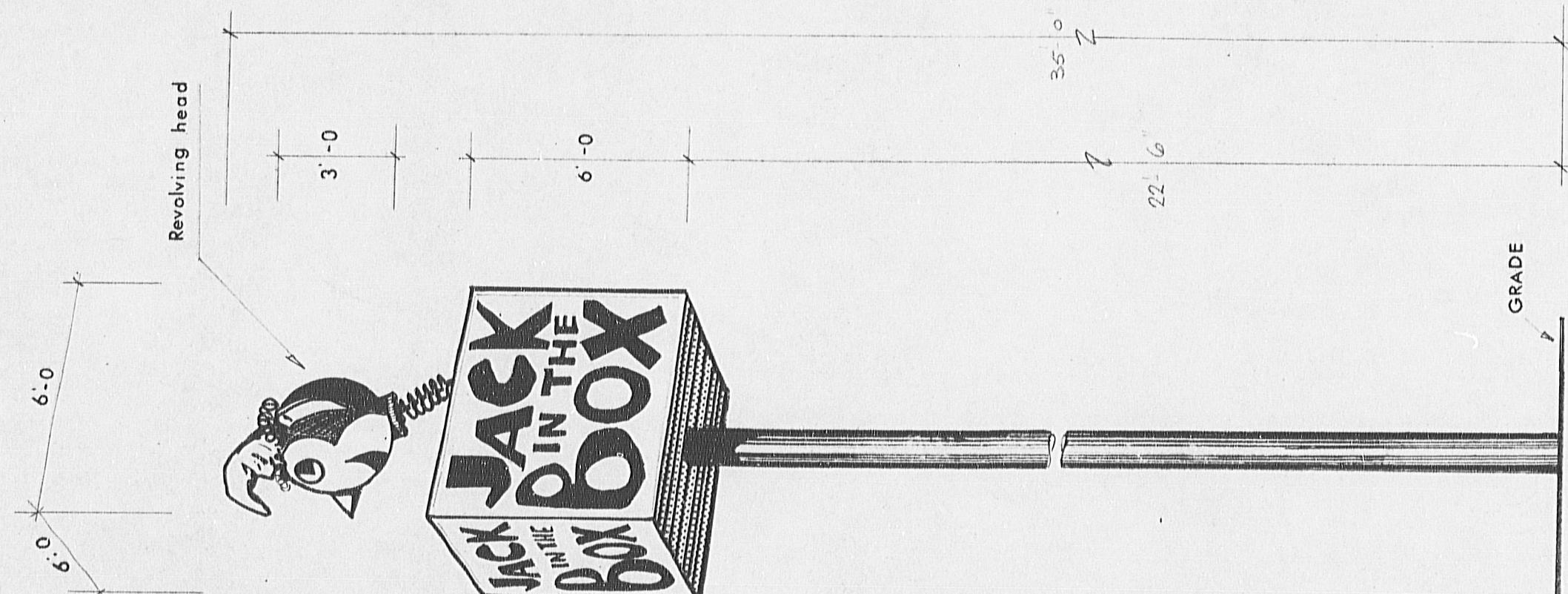
LOCATION

Site No	SHEET CONTENTS Engineering Cws. PYLON SIGN (8' x 8' x 8') 52'-6" HI O.A. 20# P.S.F. WIND		
Zone	Revision	Date	1

california neon products 283-2191
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg No PP
Sheet No 1 of 1
Date 2-7-67
Revision No 1
Scale 1

	amps	watts	sq.ft. area
REVOLV. UNIT	1.85	204	—
3' diam. HEAD	5.45	600	7
6' x 6' x 6' BOX	7.8	858	36
TOTALS	15.10	1662	43



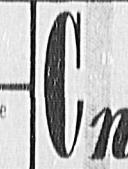
ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)



JACK in the BOX
RESTAURANT

LOCATION

Site No	SHEET CONTENTS	6' x 6' x 6' PYLON DISPLAY
Zone	REVISION	Date



california
products

4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

neon
283-2191

Dwg No PA
Sheet No 1 of 1
Date 6/10/67
Revision No
Scale —

FOOTING DESIGN

DESIGN IS BASED ON 1967 EDITION OF
UNIFORM BUILD. CODE CH. 1B
(NON-CONSTRAINED CONDITION)

$$d = \frac{\Delta}{2} \left[1 + \sqrt{1 + \frac{4.36h}{\Delta}} \right]$$

$$\Delta = 2.34 P/S \times 330 \text{ db}$$

b = FOOTING WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE - GROUND TO POINT OF
APPLICATION OF P

d = DEPTH OF FOOTING

$$h = 63000 / 2320 = 23'$$

SOIL CONDITION - POOR
 $b = 6'-0"$ $d = 8'-0"$

$$\Delta = 2.34 \times 2320 = 3.14$$

$$200 \times 330 \times 2.6 \times 10.6$$

$$d = \frac{3.14}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 23}{3.14}} \right] = 10'-0" \text{ OK}$$

SOIL CONDITION - AVERAGE

$$b = 6'-0" \quad d = 8'-0"$$

$$\Delta = 2.34 \times 2320 = 19.1$$

$$400 \times 330 \times 2.6 \times 8.5$$

$$d = \frac{19.1}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 12}{19.1}} \right] = 8.1' \text{ OK}$$

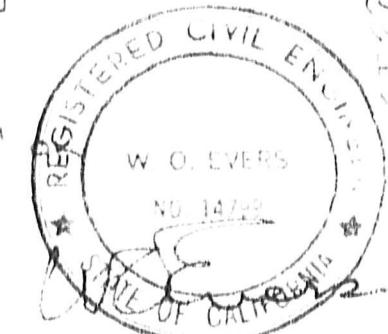
SOIL CONDITION - GOOD

$$b = 6'-0" \quad d = 6'-0"$$

$$\Delta = 2.34 \times 2320 = 11.6$$

$$800 \times 330 \times 2.6 \times 6.5$$

$$d = \frac{11.6}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 23}{11.6}} \right] = 6.4'$$



HOLE DESIGN

WIND LOAD = 30 PSF

$$\text{AREA A} = 8.1 \times 8.0 = 24.8 \text{ ft}^2$$

$$\text{AREA B} = 8.0 \times 4.30 = 15.1 \text{ ft}^2$$

$$\text{POLE} = 4.8 \times 2.0 = 9.6 \text{ ft}^2$$

$$23.2 \text{ ft}^2$$

BASE M

$$= 24.8 \times 21.8 + 15.1 \times 26.7 + 5.62 \times 11.6 = 58000 \text{ lb}$$

$$S_a = 58000 \times 12 = 24.0 \text{ in}^3$$

$$20000 \times 13.3$$

USE 10" STL PIPE @ 24.24"

WALL = .217" \rightarrow 26.3 IN²
ASTM A53 GRADE B

USE 12" STL PIPE @ 28"

WALL = .219" \rightarrow 26.3 IN²
ASTM A53 GRADE B

S = 200 FOR "POOR" SOIL

SOFT CLAY, CLAY LOAM, POORLY COMPACTED
SAND, CLAY CONTAINING LARGE AMOUNTS OF
SILT - WATER STANES DURING WET SEASON

S = 400 FOR "AVERAGE" SOIL

(COMPACT FINE SAND, MED. CLAY,
COMPACT SILTY LOAM, LOOSE COARSE
SAND - ALL DRAINED SO WATER WILL
NOT STANES.)

S = 800 FOR "GOOD" SOIL

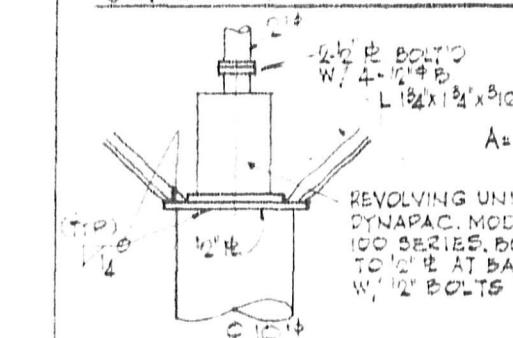
(COMPACT WELL GRADED SAND & GRVEL,
WELL GRADED FINE & COARSE SAND,
HARD CLAY - ALL DRAINED SO WATER
WILL NOT STANES.)

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (D)

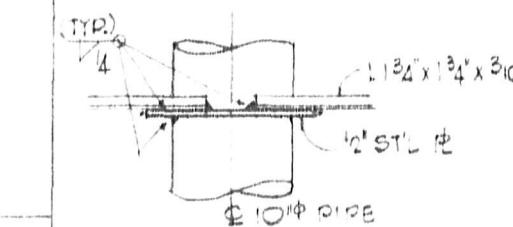
10" STL PIPE

L 13" x 13" x 316

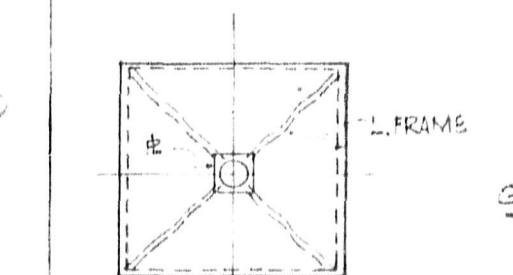
DETAIL 'A' (INTERIOR CENTER)



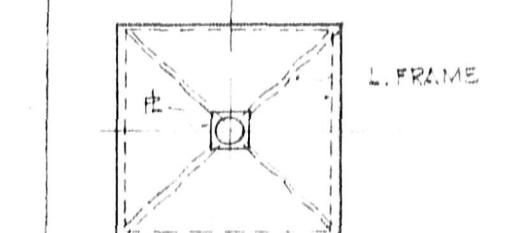
DETAIL 'B' (INTERIOR CONSTR.)



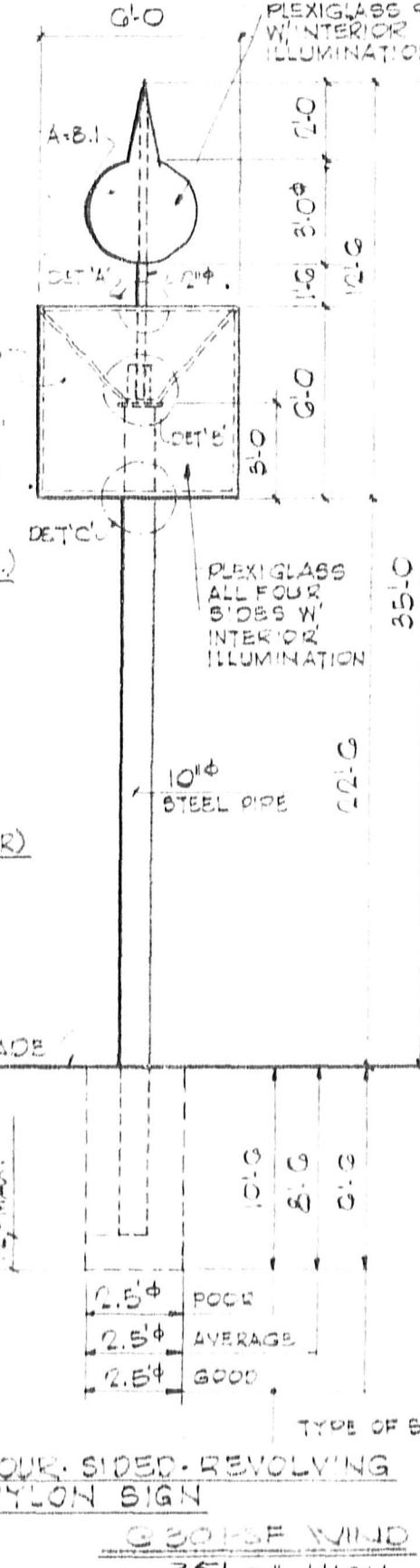
DETAIL 'C' (INTERIOR CONSTR.)



TOP OF SIGN
(METAL COVERED)



BOTTOM OF SIGN
(METAL COVERED)



FOUR-SIDED REVOLVING
PYLON SIGN

300 SF WIND
35'-0" HIGH



JACK in the BOX
RESTAURANT

LOCATION _____

Site No. _____
Zone _____

SHEET CONTENTS: ENGINEERING CALC'S.
PYLON SIGN: (G-0 x G-0 x G-0 - 35'-0 HGT. O.A)
REVISION _____ Date _____



california
products

4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

neon
283-2191

Dwg. No. PPF
Sheet No. 1 of 1
Date 11/15/68
Revision No. _____
Scale _____

Interior illumination

amps. watts
2.5 287.5

Area = 33.75 sq/ft.

11'-2"

3'-1 1/2"

BONNSBURGER
WITH CHEESE
Cheeseburgers
HAMBURGERS
French-Fried Potatoes

JACK COLA
ORANGE
ROOT BEER

MILK COFFEE

SHAKES
vanilla chocolate strawberry

Ice Cream

Hot Apple
Turnovers

TACOS
SHRIMP
Chicken
ONION RINGS

PLASTIC FACE -
INTERIOR ILLUMINATION -

EDGE & BACK
PERSIAN ORANGE

EQUAL

5'-7"

EQUAL

PAINT PIPES BLACK

GRADE

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)



JACK in the BOX
RESTAURANT

LOCATION

Site No

SHEET CONTENTS

SELECTION DISPLAY

Zone

REVISION D REMOVE PIPE DETAILS 11/20/68

Date



california
products

4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

neon
283-2191

Dwg. No. S
Sheet No. 1 of 1
Date 6/9/67
Revision No. 1
Scale 3/4" = 1'-0"

FOOTING DESIGN

DESIGN BASED ON 1964 EDITION OF UNIFORM BLDG. CODE
CH. 2B. - (NON CONSTRAINED CONDITION.)

$$d = \frac{A}{2} \left(1 + \sqrt{1 + 4.36h} \right)$$

$$A = 2.34 P/S \times .33 \text{ db}$$

b = FTNG. WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE - GROUND TO POINT of
APPLICATION OF P

d = DEPTH of FTNG.

FOOTING for $l = 5'-6"$ @ 20 p.s.f.

$$h = 4,950 / 700 = 7.0625'$$

SOIL CONDITION "POOR" d = 5', b = 18"

$$A = 2.34 \times 700 / 200 \times .33 \times 5 \times 1.5 \times 2 = 1.65$$

$$d = \frac{1.65}{2} \left[1 + \sqrt{1 + 4.36 \times 7.0625} \right] = 4.5' < 5.0' \text{ OK.}$$

SOIL CONDITION "AVERAGE" d = 4'0", b = 18"

$$A = 2.34 \times 700 / 400 \times .33 \times 4 \times 1.5 \times 2 = 1.03$$

$$d = \frac{1.03}{2} \left[1 + \sqrt{1 + 4.36 \times 7.0625} \right] = 3.4' < 4' \text{ OK.}$$

SOIL CONDITION "GOOD" d = 3', b = 18"

$$A = 2.34 \times 700 / 800 \times .33 \times 3 \times 1.5 \times 2 = .69$$

$$d = \frac{.69}{2} \left[1 + \sqrt{1 + 4.36 \times 7.0625} \right] = 2.7' < 3' \text{ OK.}$$



POLE DESIGN

(WIND = 20 p.s.f.)

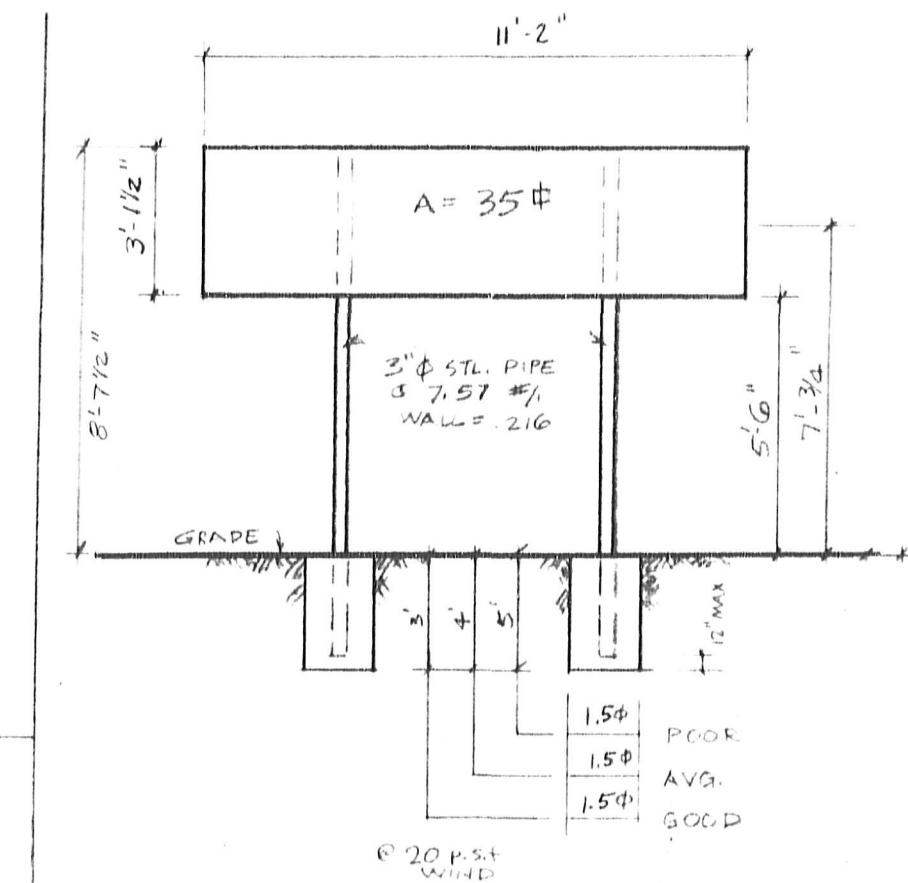
FORCE = $35 \times 20 = 700\#$

BASE M = $700 \times 7.0675' = 4,950'\#$

$$S = \frac{4,950 \times 12}{20 \times 133 \times 2} = 1.12 \text{ in}^3$$

USE 3"Ø STL. PIPE @ 7.57 #/ft

WALL = .216 S = 1.73
ASTM A53, GR. B



ELEVATION OF
SELECTION DISPLAY

SCALE 1/4" = 1'

L SOIL CONDITION

S = 200 for "POOR" SOIL

(SOFT CLAY, CLAY LOAM, POORLY COMPACTED SAND,
CLAYS CONTAINING LARGE AMOUNTS OF SILT -
WATER STANDS DURING WET SEASON.)

S = 400 for "AVERAGE" SOIL

(COMPACT FINE SAND, MEDIUM CLAY, COMPACT,
SANDY LOAM, LOOSE COARSE SAND,
ALL DRAINED SO WATER WILL NOT STAND.)

S = 800 for "GOOD" SOIL

COMPACT WELL GRADED SAND & GRAVEL,
WELL GRADED FINE & COARSE SAND,
HARD CLAY - ALL DRAINED SO WATER
WILL NOT STAND.)

STEEL ASTM A-36
PIPE ASTM A-53 (B)

@ 20 p.s.f.
WIND



JACK in the BOX
RESTAURANT

LOCATION _____

Site No	SHEET CONTENTS ENGINEERING CALCULATIONS SELECTION DISPLAY (20 p.s.f) WIND	
Zone	REVISION	Date
_____	_____	_____

california
products

4530 MISSION CORGE PL. SAN DIEGO, CALIF. 92120

neon
283-2191

Dwg No SS
Sheet No 1 of 1
Date 6/1/67
Revision No. _____
Scale _____

FOOTING DESIGN

DESIGN BASED ON 1964 EDITION OF UNIFORM BLDG. CODE
CH. 2B (NON-CONSTRAINED CONDITION)

$$d = \frac{A}{2} \left(1 + \sqrt{1 + \frac{4.36h}{A}} \right)$$

$$A = 2.34 \text{ P/S } \times .33 \text{ db}$$

b = FOOTING WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE - GROUND to POINT of APPLICATION of P

d = DEPTH of FOOTING

FOOTING for $l = 5'-6"$ @ 30 p.s.f.

$$h = 7430 / 1050 = 7.0625'$$

SOIL CONDITION "POOR" d=5.5', b=18"

$$A = 2.34 \times 1050 / 200 \times .33 \times 5.5 \times 1.5 \times 2 = 2.26$$

$$d = \frac{2.26}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 7.06}{2.26}} \right] = 5.45 < 5.5 \text{ OK}$$

SOIL CONDITION "AVERAGE" d=4.5', b=18"

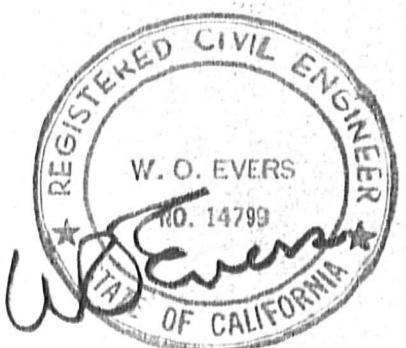
$$A = 2.34 \times 1050 / 400 \times .33 \times 4.5 \times 1.5 \times 2 = 1.38$$

$$d = \frac{1.38}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 7.06}{1.38}} \right] = 4.02 < 4.5 \text{ OK}$$

SOIL CONDITION "GOOD" d=3.5' b=18"

$$A = 2.34 \times 1050 / 800 \times .33 \times 3.5 \times 1.5 \times 2 = .74$$

$$d = \frac{.74}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 7.06}{.74}} \right] = 2.08 < 3.5 \text{ OK}$$



JACK in the BOX
RESTAURANT

LOCATION _____

POLE DESIGN

(WIND = 30 p.s.f.)

$$\text{FORCE} = 35 \times 30 = 1050 \text{ #}$$

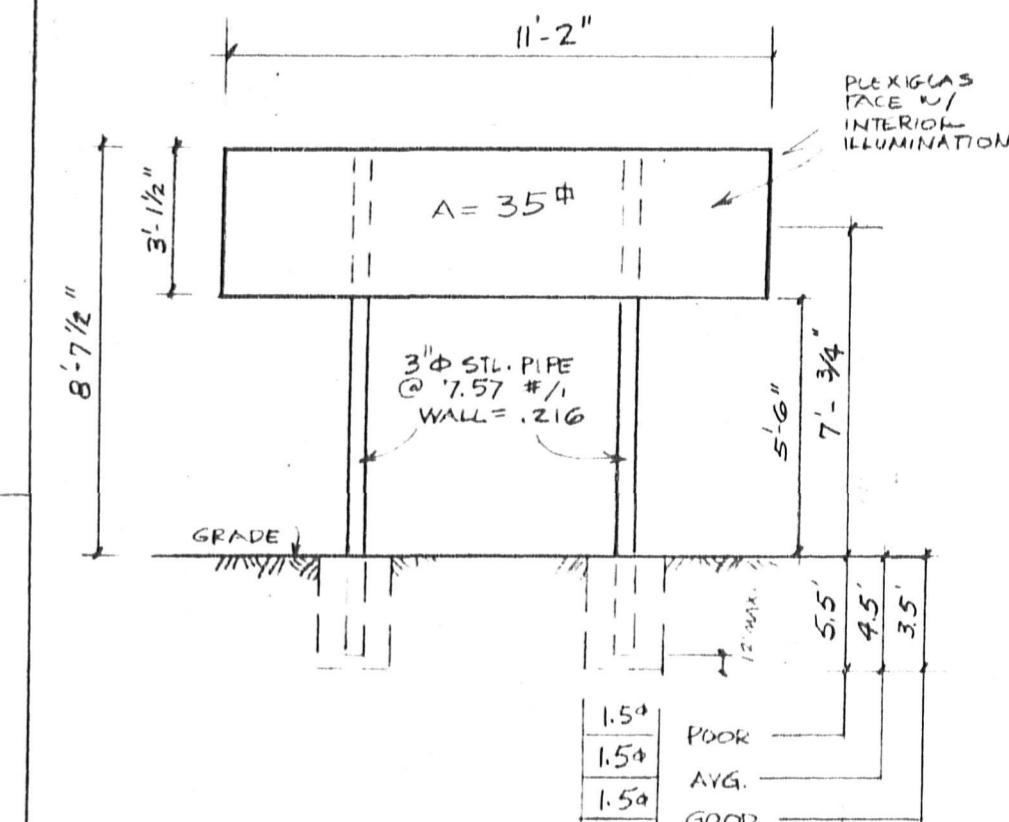
$$\text{BASEM} = 1050 \times 7.0625 = 7.430 \text{ #}$$

$$S = \frac{7.430 \times 12}{20 \times 1.33 \times 2} = 1.675 \text{ in}^3$$

USE 3"Ø STL. PIPE @ 7.57 #/ft

WALL = .216, S = 1.73

ASTM A53, GR. B



S = 200 for "POOR" SOIL

(SOFT CLAY, CLAY LOAM, POORLY COMPACTED SAND, CLAYS CONTAINING LARGE AMOUNTS OF SILT - WATER STANDS DURING WET SEASON.)

S = 400 for "AVERAGE" SOIL

(COMPACT FINE SAND, MEDIUM CLAY, COMPACT SANDY LOAM, LOOSE COURSE SAND, - ALL DRAINED SO WATER WILL NOT STAND.)

S = 800 for "GOOD" SOIL

(COMPACT WELL GRADED SAND & GRAVEL, WELL GRADED FINE & COURSE SAND, HARD CLAY - ALL DRAINED SO WATER WILL NOT STAND.)

ELEVATION OF
SELECTION DISPLAY
(SCALE 1/4" = 1')

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)

30 p.s.f.
WIND

Site No.	SHEET CONTENTS ENGINEERING CALCULATIONS SELECTION DISPLAY (30 p.s.f.)	
Zone	Revision	Date
N	M	

california products neon
283-2191
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

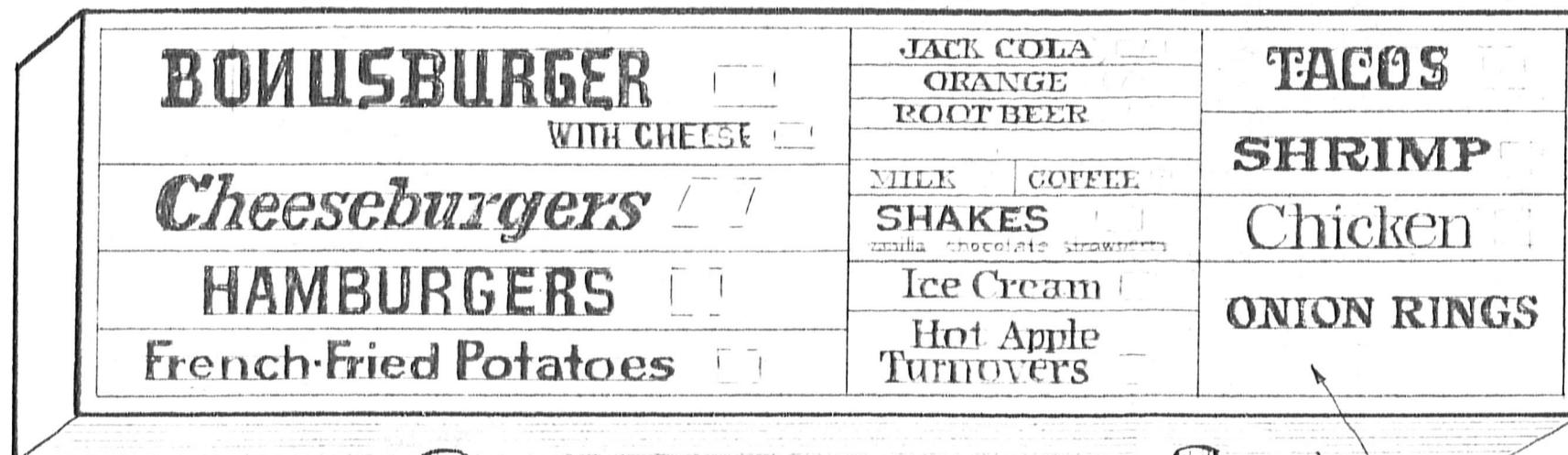
Dwg. No. SSA
Sheet No. 1 of 1
Date 6/2/67
Revision No. _____
Scale _____

Interior illumination

amps.	watts
2.5	287.5

Area = 33.75 sq/ft.

11'-2"



EQUAL

5'-7"

EQUAL

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)PLANter AREA
single faceJACK in the BOX
RESTAURANT

LOCATION _____

Site No.

SHEET CONTENTS

SELECTION DISPLAY

Zone

REVISION CHANGE PINE DETAIL

11/21/68

Date

california products neon
283-2191
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120Dwg. No. SB
Sheet No. 1 of 1
Date 2/15/68
Revision No. 1
Scale 3/4" = 1'-0"

FOOTING DESIGN

DESIGN BASED ON 1964 EDITION OF UNIFORM BLDG. CODE CH. 28. - (NON CONSTRAINED CONDITIONS)

$$d = \frac{A}{2} \left(1 + \sqrt{1 + \frac{4.36h}{A}} \right)$$

$$A = 2.34 \text{ P/SF} \times .33 \text{ db}$$

b = FTNG. WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE-GROUND TO POINT OF APPLICATION OF P

d = DEPTH of FTNG.

FOOTING for $l = 5'-6" \times 20 \text{ psf}$

$$h = \frac{4,950}{700} = 7.0625'$$

SOIL CONDITION "POOR" d = 5', b = 18"

$$A = 2.34 \times 700 / 200 \times .33 \times 5 \times 1.5 \times 2 = 1.65$$

$$d = \frac{1.65}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 7.0625}{1.65}} \right] = 4.5' < 5.0' \text{ OK.}$$

SOIL CONDITION "AVERAGE" d = 4'-0", b = 18"

$$A = 2.34 \times 700 / 400 \times .33 \times 4 \times 1.5 \times 2 = 1.03$$

$$d = \frac{1.03}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 7.0625}{1.03}} \right] = 3.4' < 4' \text{ OK.}$$

SOIL CONDITION "GOOD" d = 3', b = 18"

$$A = 2.34 \times 700 / 800 \times .33 \times 3 \times 1.5 \times 2 = .69$$

$$d = \frac{.69}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 7.0625}{.69}} \right] = 2.7' < 3' \text{ OK.}$$



POLE DESIGN

(WIND = 20 P.S.F.)

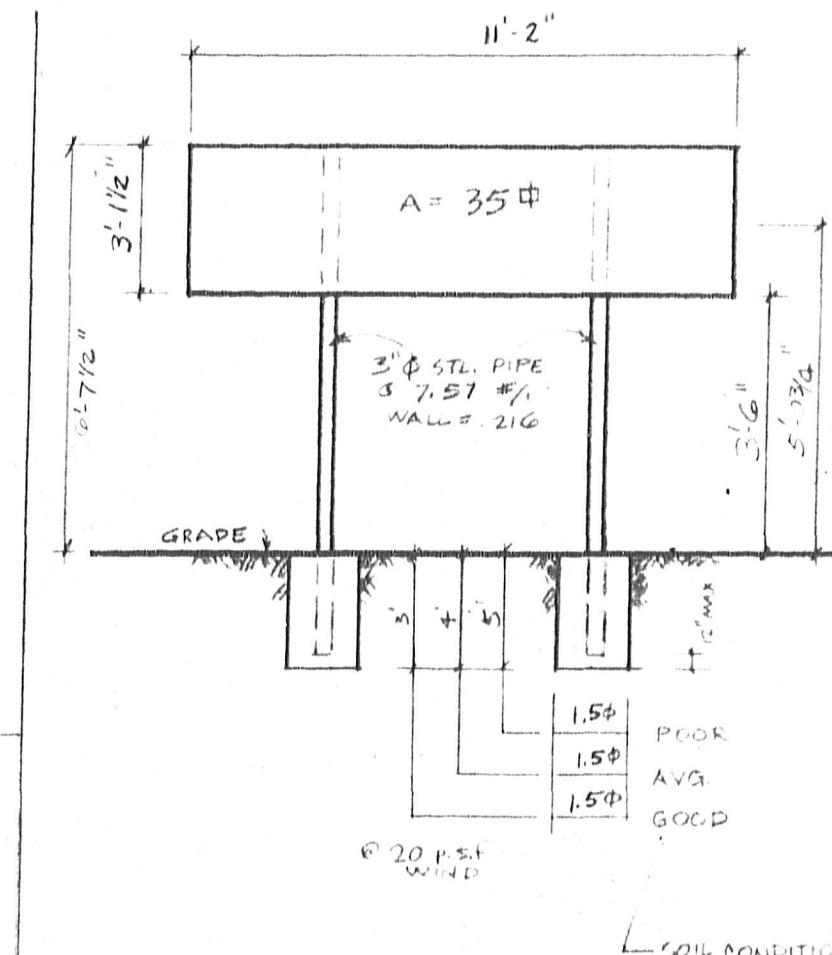
FORCE = $35 \times 20 = 700\#$

BASE M = $700 \times 7.0675' = 4,950'\#$

$$S = \frac{4,950 \times 12}{20 \times 133 \times 2} = 1.12 \text{ in}^3$$

USE 3"Ø STL. PIPE @ 7.57#/ft

WALL = .216 S = 1.73
ASTM A53, GR. B



S = 200 for "POOR" SOIL

(SOFT CLAY, CLAY LOAM, POORLY COMPACTED SAND, CLAYS CONTAINING LARGE AMOUNTS OF SILT - WATER STANDS DURING WET SEASON.)

S = 400 for "AVERAGE" SOIL

(COMPACT FINE SAND, MEDIUM CLAY, COMPACT, SANDY LOAM, LOOSE COARSE SAND, ALL DRAINED SO. WATER WILL NOT STAND.)

S = 800 for "GOOD" SOIL

(COMPACT WELL GRADED SAND & GRAVEL, WELL GRADED FINE & COARSE SAND, HARD CLAY - ALL DRAINED SO. WATER WILL NOT STAND.)

ELEVATION OF
SELECTION DISPLAY
SCALE 1/4" = 1'

PLANTER AREA

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)

@ 20 p.s.f.
WIND



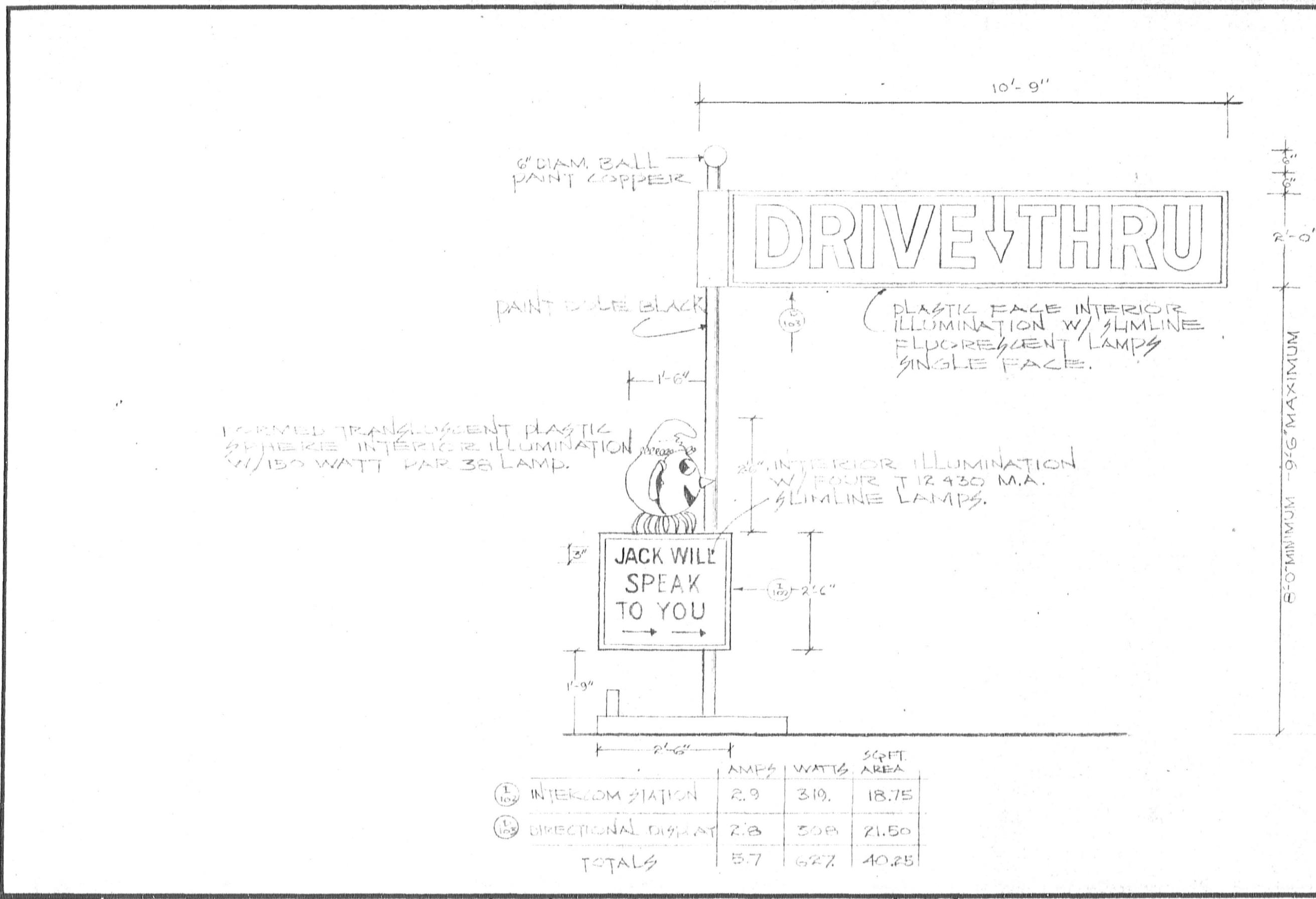
JACK in the BOX
RESTAURANT

LOCATION _____

Site No	SHEET CONTENTS ENGINEERING CALCULATIONS SELECTION DISPLAY (20 p.s.f) WIND		
Zone	Revision	PLANTER AREA	Date
_____	_____	_____	_____

california neon
products 283-2191
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg No. SSB
Sheet No. 1 of 1
Date 1/21/68
Revision No. _____
Scale _____



**JACK
IN THE
BOX**

**JACK in the BOX
RESTAURANT**

LOCATION

Site No.	SHEET CONTENTS INTERCOM STATION DIRECTIONAL DISPLAY		
Zone	REVISION #1	REVISE SPEAKER BOX	Date 11/21/69

california products **neon**
283-2191
4530 MISSION CORGE PL. SAN DIEGO, CALIF. 92120

Dwg No. **DE**
Sheet No. **1** of **1**
Date **10-21-69**
Revision No. **1**
Scale **1/2" = 1'-0"**

FOOTING DESIGN

DESIGN BASED ON 1964 EDITION OF UNIFORM BUILDING CODE CH 28 (NON-CONSTRAINED CONDITION)

$$d = \frac{A}{2} \left[1 + \sqrt{1 + \frac{4.36 h}{A}} \right]$$

$$A = 2.34 \text{ P/S} \times .33 \text{ db}$$

b = FOOTING WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE - GROUND TO POINT OF APPLICATION OF P

d = DEPTH OF FOOTINGS

$$h = 4863 / 503 = 9.65$$

SOIL CONDITION "POOR" b = 1.5 d = 6'
 $A = 2.34 \times 503 / 200 \times .33 \times 1.5 \times 6 = 1.18$

$$d = \frac{1.98}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 9.65}{1.98}} \right] = 5.6' < 6' \text{ OK}$$

SOIL CONDITION "AVERAGE" b = 1.5 d = 5'
 $A = 2.34 \times 503 / 200 \times .33 \times 1.5 \times 5 = 1.2$

$$d = \frac{1.2}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 9.65}{1.2}} \right] = 4.2' < 5' \text{ OK}$$

SOIL CONDITION "GOOD" b = 1.5 d = 4'
 $A = 2.34 \times 5.03 / 200 \times .33 \times 1.5 \times 4 = .74$

$$d = \frac{.74}{2} \left[1 + \sqrt{1 + \frac{4.36 \times 9.65}{.74}} \right] = 3.4' < 4' \text{ OK}$$

4 ft. DURABLE

JACK
IN THE
BOX

JACK in the BOX
RESTAURANT

LOCATION

POLE DESIGN

(WIND = 20 PSF.)

$$\text{AREA A} = 21.5 \times 20 = 430$$

$$\text{AREA B} = 30 \times 20 = 60$$

$$\text{AREA C} = 6.3 \times 20 = 13$$

$$P = 503 \text{ #}$$

$$\begin{aligned} \text{BASE M} &= 430 \times 10.5 = 4500 \\ &\quad 60 \times 5.4 = 324 \\ &\quad 13 \times 3.0 = 39 \\ &\quad 324 \times 5.0 = 1620 \\ &\quad M = 6483 \text{ #} \end{aligned}$$

$$S = \frac{6483 \times 12}{20000 \times 1.33} = 2.9 \text{ IN.}^3$$

USE 4" ϕ STEL. PIPE @ 10.74 #/ft

WALL = 2.37 S = 3.214
 ASTM A53, GR. "B"

S = 200 FOR "POOR" SOIL

(SOFT CLAY, CLAY LOAM, POORLY COMPACTED SAND, CLAYS CONTAINING LARGE AMOUNTS OF SILT - WATER STANDS DURING WET SEASON.)

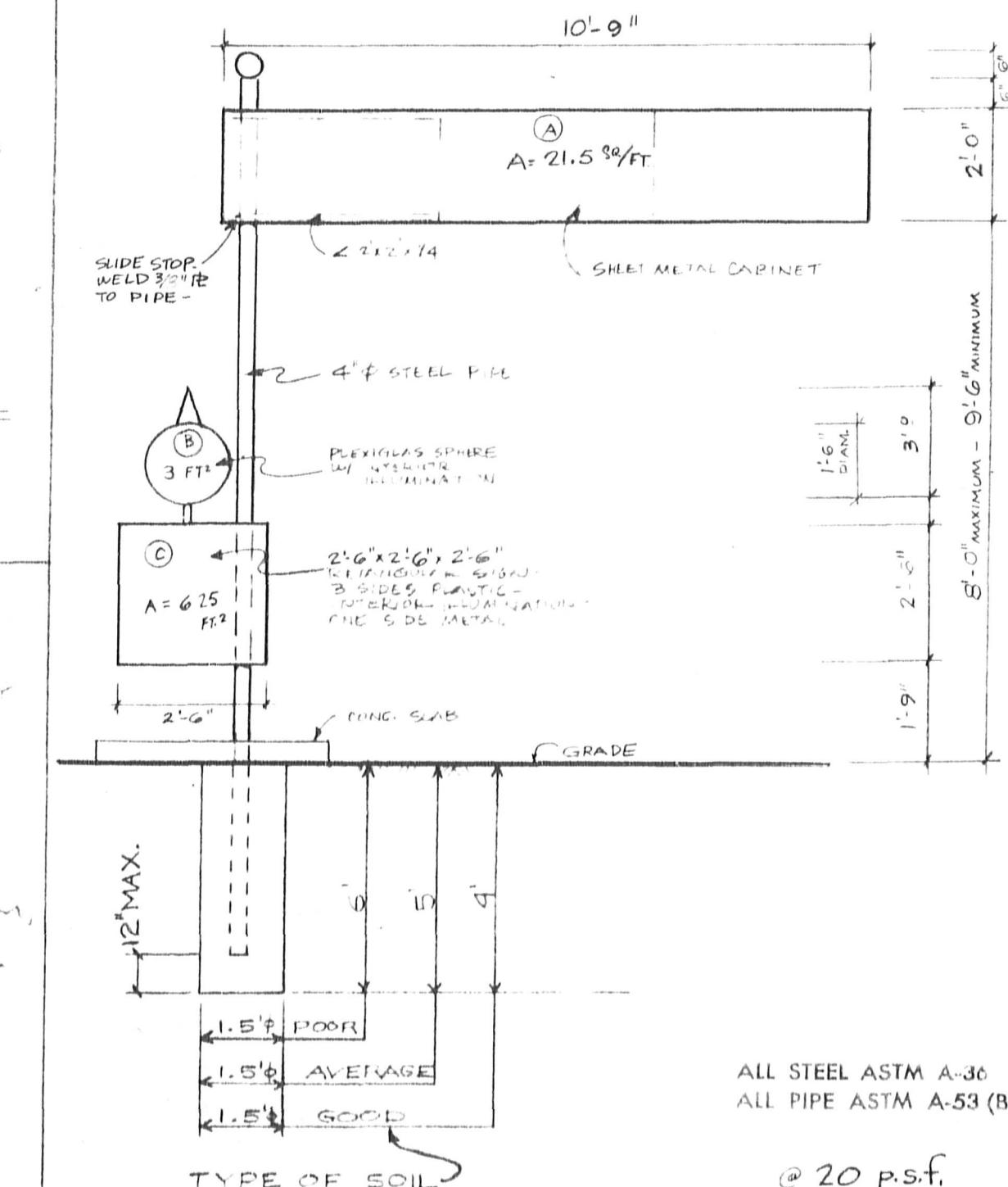
S = 400 FOR "AVERAGE" SOIL

(COMPACT FINE SAND, MEDIUM CLAY, COMPACT SANDY LOAM, LOOSE COARSE SAND - ALL DRAINED SO. WATER WILL NOT STAND.)

S = 800 FOR "GOOD" SOIL

(COMPACT WELL-SHADED SAND & GRAVEL, WELL-SHADED FINE & COARSE SAND, HARD CLAY - ALL DRAINED SO. WATER WILL NOT STAND.)

ELEVATION OF
 DIRECTIONAL DISPLAY/INTERCOM DISPLAY
 (SCALE 3/8" = 1')



ALL STEEL ASTM A-36
 ALL PIPE ASTM A-53 (B)

@ 20 p.s.f.
 WIND

Site No	SHEET CONTENTS ENGINEERING CALC'S FOR DIRECTIONAL DISPLAY/INTERCOM STATION	
Zone	REVISION D ADD SLIDE STOP TO PIPE 5/13/69	20 psf WIND Date Date Revision No Scale



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283-2191

Dwg No DD
 Sheet No 1 of 1
 Date 7/26/67
 Revision No 1
 Scale

FOOTING DESIGN

DESIGN IS BASED ON 1967 EDITION OF
UNIFORM BLDG. CODE CH. 28 (NON-
CONSTRAINED CONDT.)

$$d = \frac{A}{2} [1 + \sqrt{1 + 4.36 h}]$$

$$A = 2.34 P/S \times .33 b d$$

b = FOOTING WIDTH

P = APPLIED LATERAL FORCE

h = DISTANCE - GROUND TO POINT OF
APPLICATION OF P

d = DEPTH OF FOOTING

$$h = 8023 / 924 = 8.7'$$

SOIL CONDT. "POOR" b=1.5' d=7'-6"

$$\Delta = \frac{2.34 \times 924}{200 \times .33 \times 1.5 \times 7.5} = 2.9$$

$$d = \frac{2.9}{2} [1 + \sqrt{1 + 4.36 \times 8.7}] = 7.5' \text{ OK}$$

SOIL CONDT. "AVERAGE" b=1.5' d=5'-6"

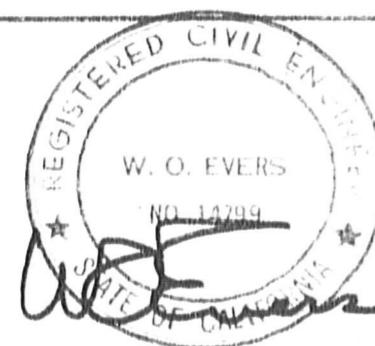
$$\Delta = \frac{2.34 \times 924}{200 \times .33 \times 1.5 \times 5.5} = 2.0$$

$$d = \frac{2.0}{2} [1 + \sqrt{1 + 4.36 \times 8.7}] = 6.47' \text{ OK}$$

SOIL CONDT. "GOOD" b=1.5' d=4.5'

$$\Delta = \frac{2.34 \times 924}{200 \times .33 \times 1.5 \times 4.5} = 1.21$$

$$d = \frac{1.21}{2} [1 + \sqrt{1 + 4.36 \times 8.7}] = 4.1' \text{ OK.}$$



JACK
IN THE
BOX

JACK in the BOX
RESTAURANT

LOCATION _____

Site No.
Zone

SHEET CONTENTS: ENGINEERING CALCS.
DIRECTIONAL DISPLAY (INTERCOM. STA.)

REVISION Date

POLE DESIGN

(WIND = 30 PSF)

$$\begin{aligned} \text{AREA A} &= 21.5 \times 30 = 645^* \\ \text{AREA B} &= 3.0 \times 30 = 90 \\ \text{AREA C} &= 6.3 \times 30 = 189 \\ &\quad 924^* \end{aligned}$$

BASE M

$$\begin{aligned} = 645 \times 10.5 &= 6780^* \\ 90 \times 5.4 &= 476 \\ 189 \times 3.0 &= 567 \\ 215 \times 5.0 &= 1075 \\ &\quad 9093^* \end{aligned}$$

$$Sr = \frac{9093 \times 1/2}{20000 \times 1.23} = 4.1 \text{ IN}^3$$

USE 4"Ø STL. PIPE @ 14.98#/

WALL = .337" S = 4.27 IN³

ASTM A 53 GRADE B

OR

USE 5"Ø STL. PIPE @ 10.76#/

WALL = .188" S = 4.27 IN³

ASTM A 53 GRADE B

S = 200 FOR "POOR" SOIL

(SOFT CLAY, CLAY LOAM, POORLY COMPACTED
SAND, CLAYS CONTAINING LARGE AMOUNTS OF
SILT - WATER STANDING DURING WET SEASON)

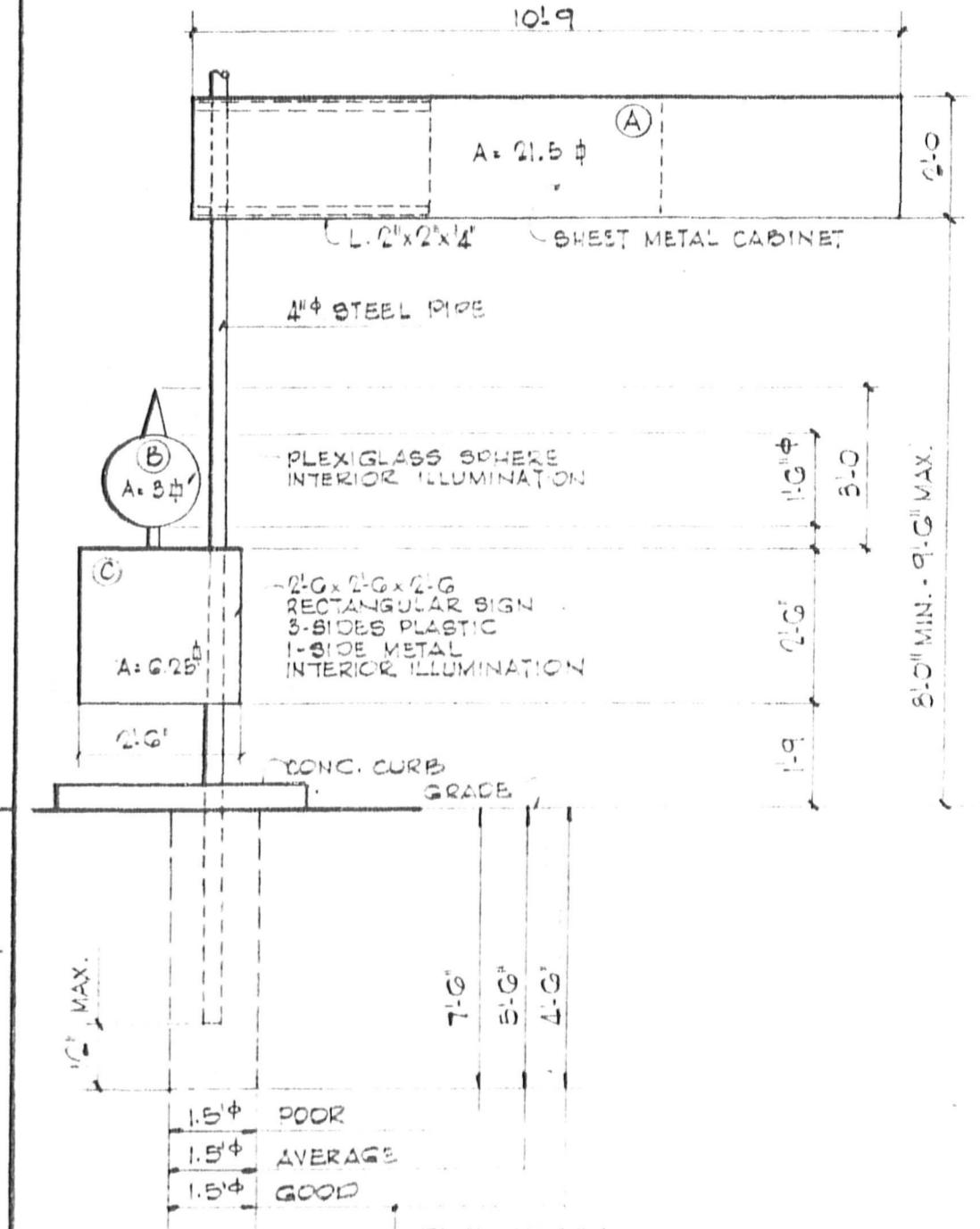
S = 400 FOR "AVERAGE" SOIL

(COMPACT FINE SAND, MED. CLAY,
COMPACT SANDY LOAM, LOOSE COARSE
SAND, ALL DRAINED SO. WATER WILL
NOT STAND.)

S = 800 FOR "GOOD" SOIL

(COMPACT WELL GRADED SAND, & GRAVEL,
WELL GRADED FINE & COARSE SAND,
HARD CLAY - ALL DRAINED SO. WATER
WILL NOT STAND.)

1019



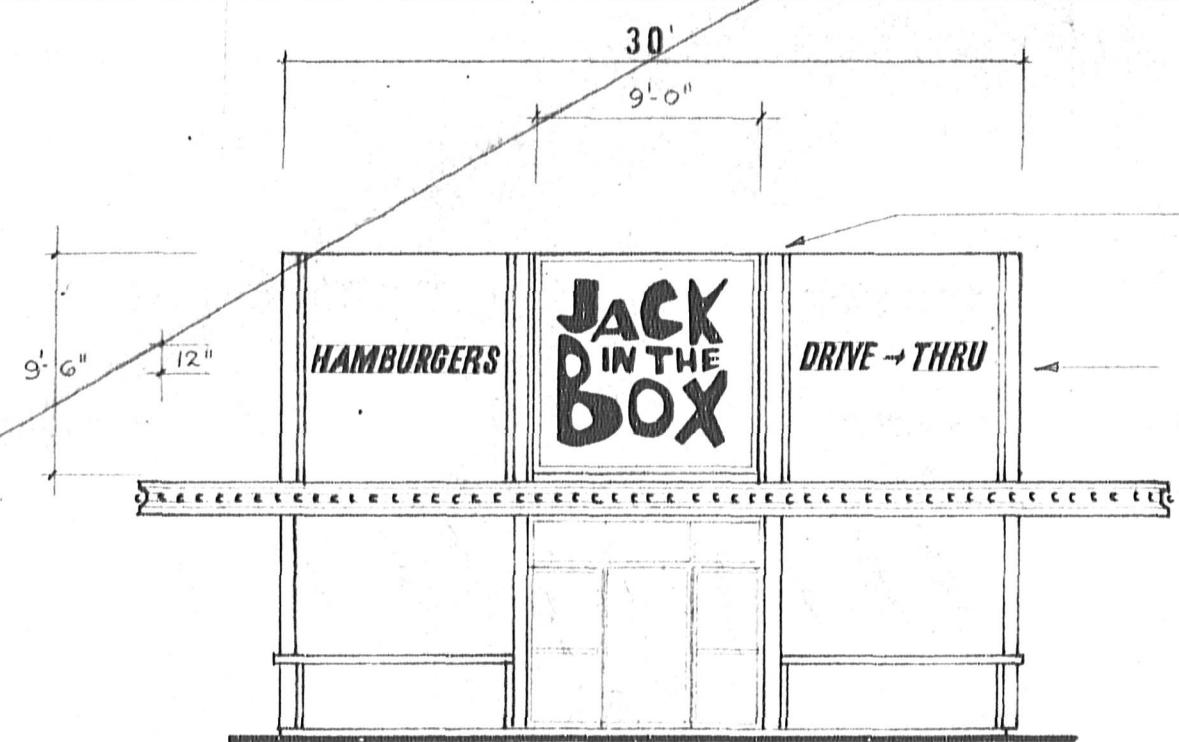
ELEVATION OF DIRECTIONAL DISPLAY 38'-0"
(INTERCOM DISPLAY)

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53(B)

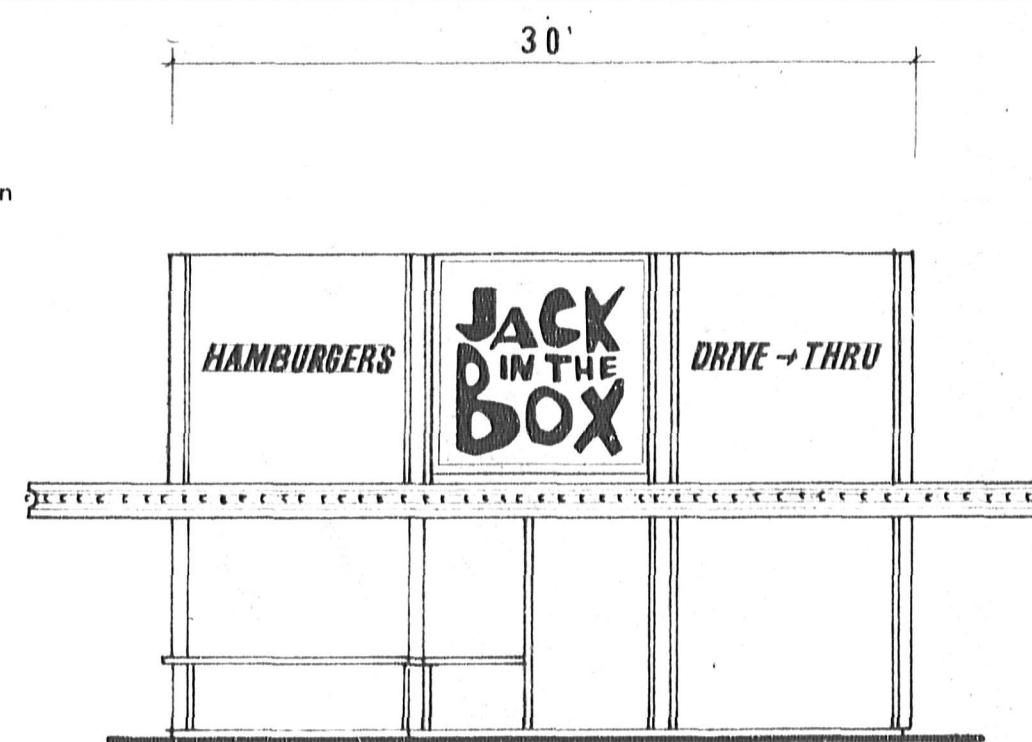
@ 30 PSF WIND

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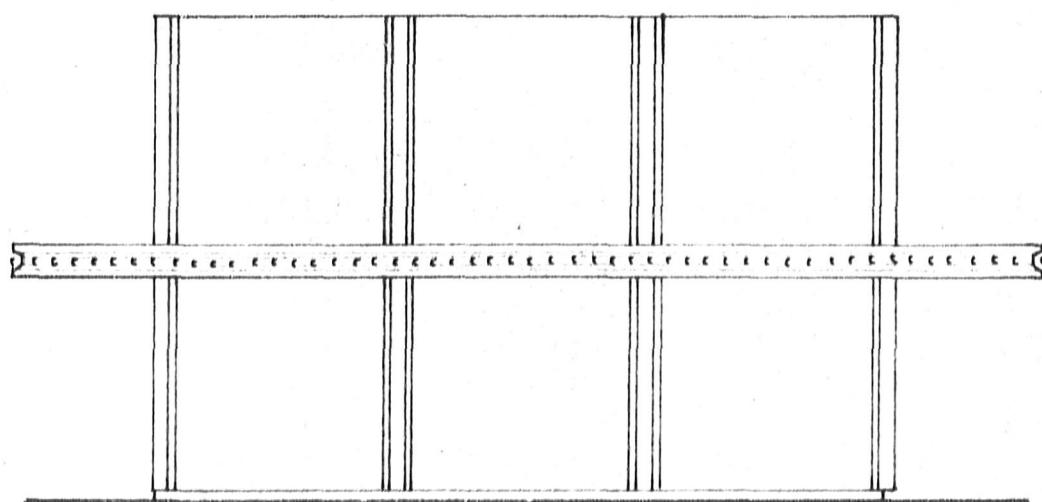
Dwg. No. DDB
Sheet No. 1 of 1
Date 11/5/68
Revision No. _____
Scale _____



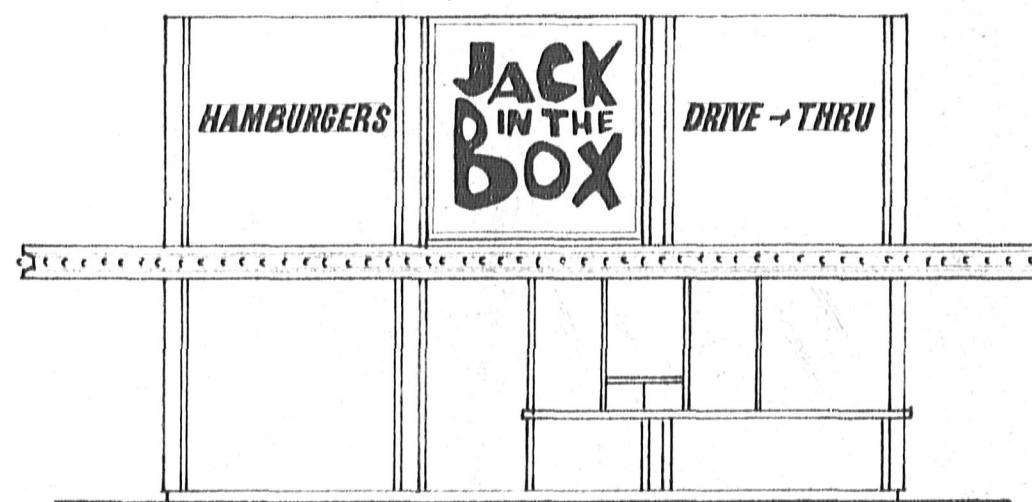
FRONT



RIGHT SIDE



REAR

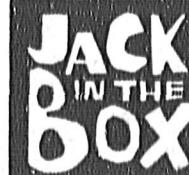


LEFT SIDE

	amps	watts	sq. ft.
ea wall sign	7.8	858	85.50
ea set letters	—	—	7.75
			7.75
totals ea. face			101.0

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)

mark III bldg.



JACK in the BOX
RESTAURANT

LOCATION _____

Site No. _____

SHEET CONTENTS

WALL DISPLAYS

Zone _____

REVISION

Date _____

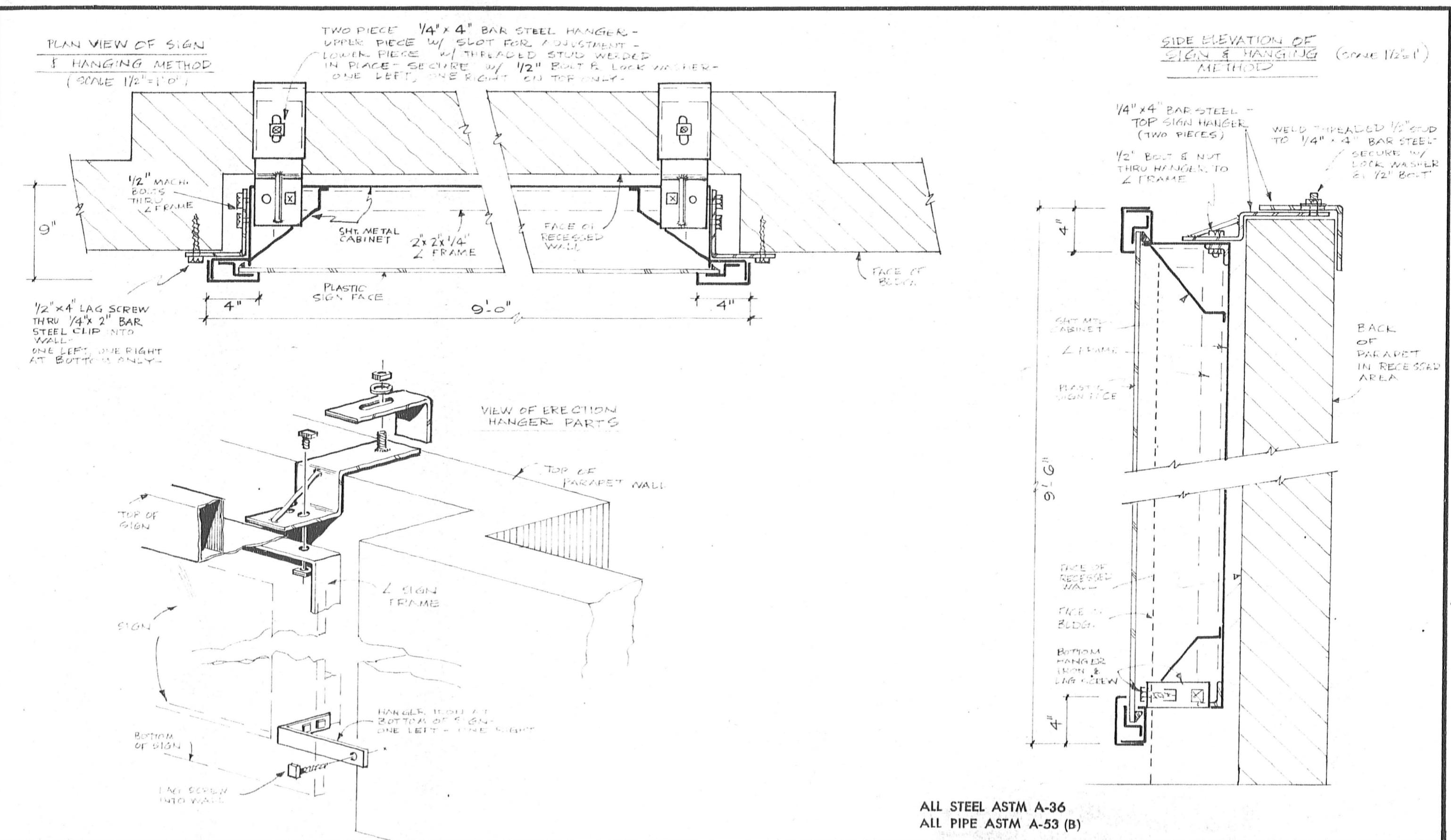


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4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg No. W
Sheet No. 1 of 1
Date 9/26/69
Revision No. _____
Scale 1/8" = 1'-0"



ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)



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RESTAURANT

LOCATION

Site No	SHEET CONTENTS		WALL DISPLAY	INSTALLATION DETAILS
Zone	Revision	Date		

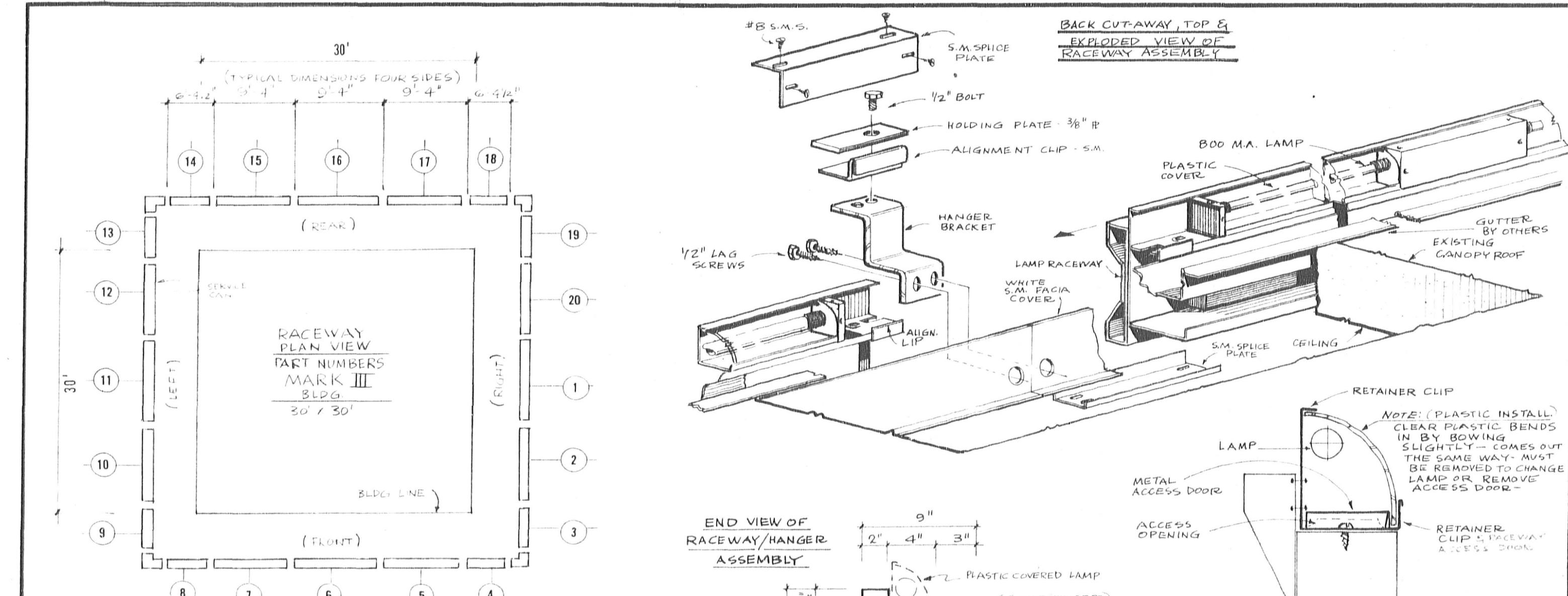


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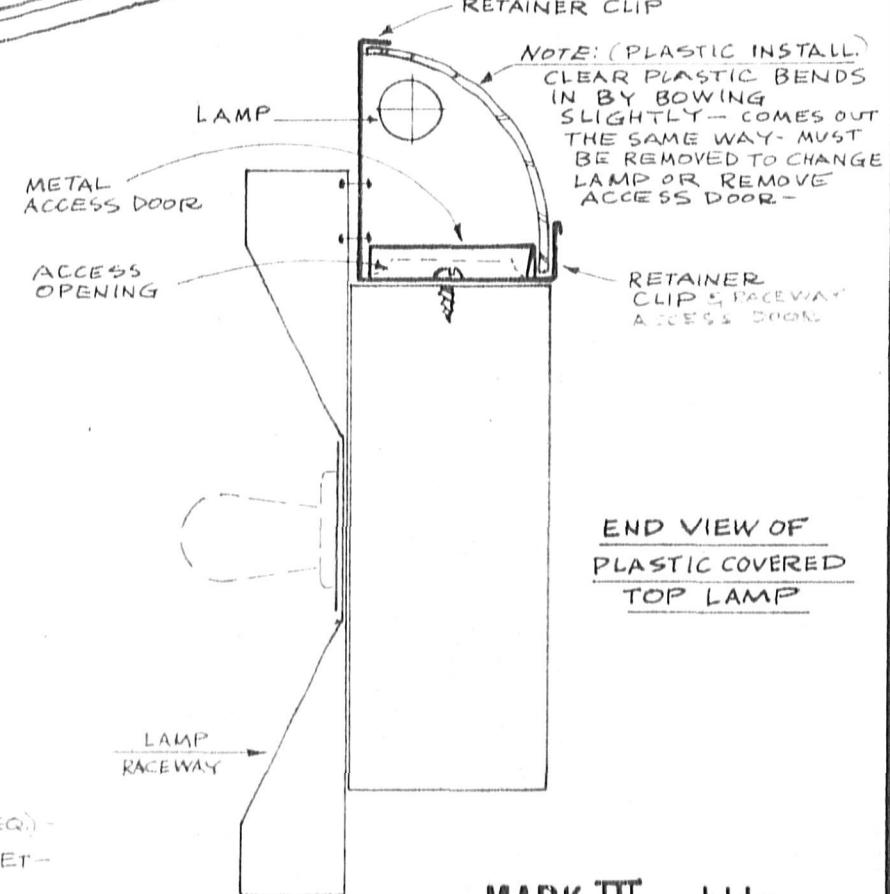
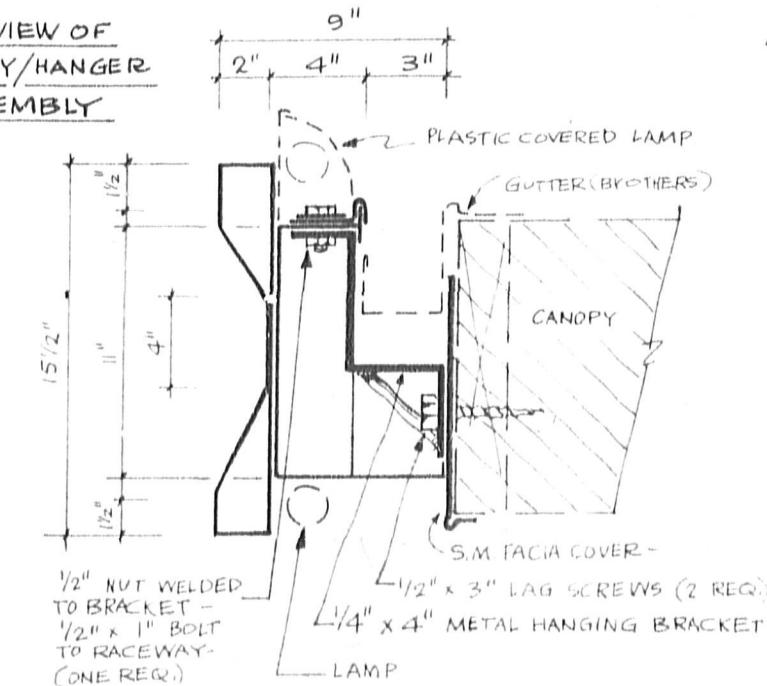
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

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Dwg No WWG
Sheet No 1 of 1
Date 3/28/69
Revision No.
Scale



END VIEW OF
RACEWAY/HANGER
ASSEMBLY



**MARK III bldg.
W/ gutters**

ALL STEEL ASTM A-50
ALL PIPE ASTM A-53 (B)

INSTALLATION STEPS:

- ① METAL FACIA COVER: MATCH NUMBERS w/ RACEWAY NUMBERS - BUTT SECTIONS - USE HOLES AS TEMPLATE FOR INSTALLING HANGING BRACKET -
- ② HANGING BRACKET - SECURE w/ TWO 1/2" LAG SCREWS -
- ③ RACEWAY: MATCH NUMBERS w/ METAL FACIA COVER - INSTALL ON HANGING BRACKET -
- ④ ALIGNMENT: PLACE ALIGNMENT CLIP OVER LIPS OF ADJOINING RACEWAYS - PLACE HOLD DOWN PLATE ON TOP OF ALIGNING CLIP - ALIGN RACEWAYS - SECURE 1/2" BOLT -
- ⑤ SECURE TOP & BOTTOM S.M. SPLICE PLATES -



**JACK in the BOX
RESTAURANT**

LOCATION

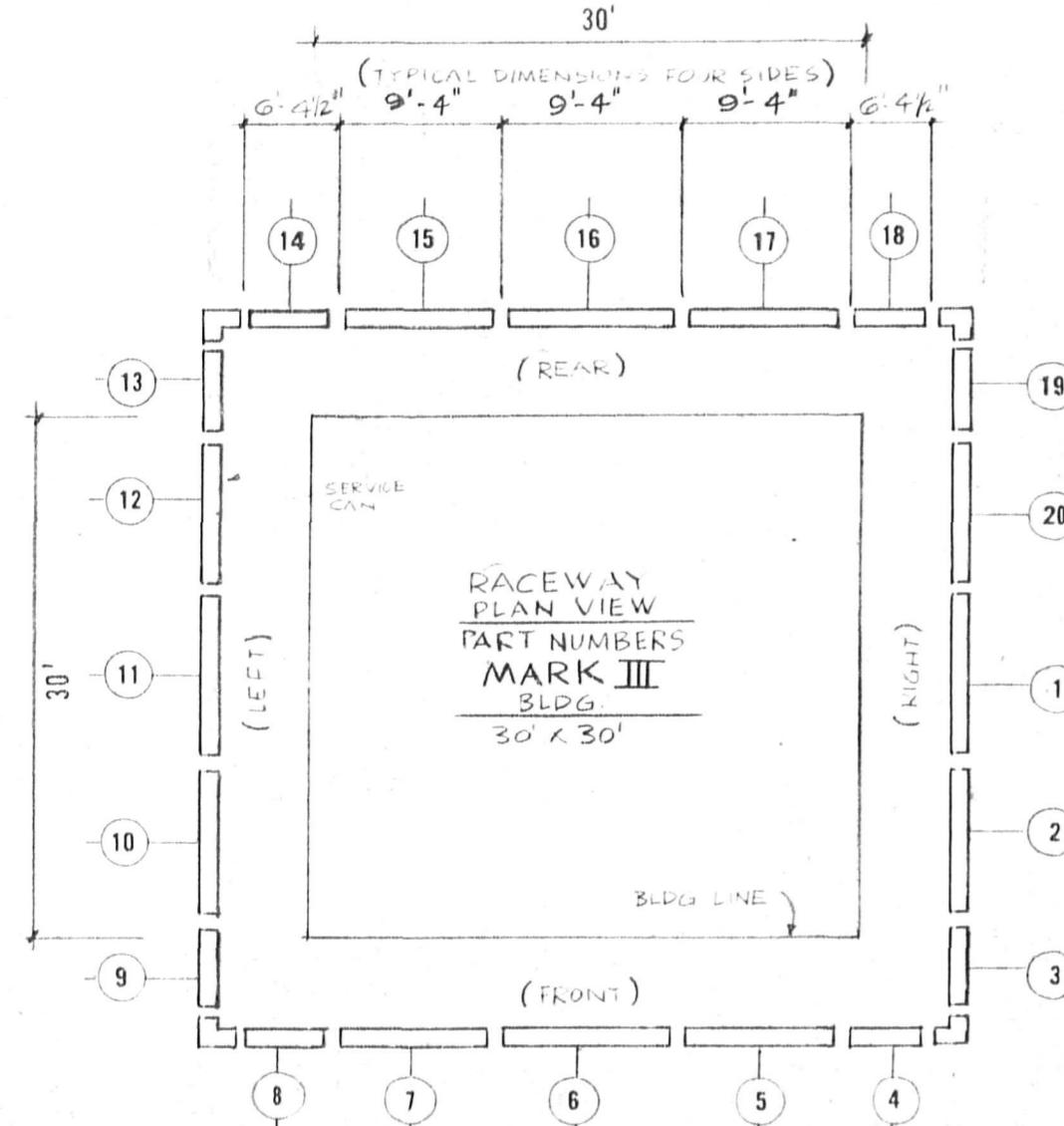
Site No	SHEET CONTENTS		RACEWAY	W/ BUILDING LIGHT
Zone	Revision	(INSTALLATION DETAILS)		
		1	CHANGE RACEWAY DIMENSION	5/2/69 8/13/69 Date

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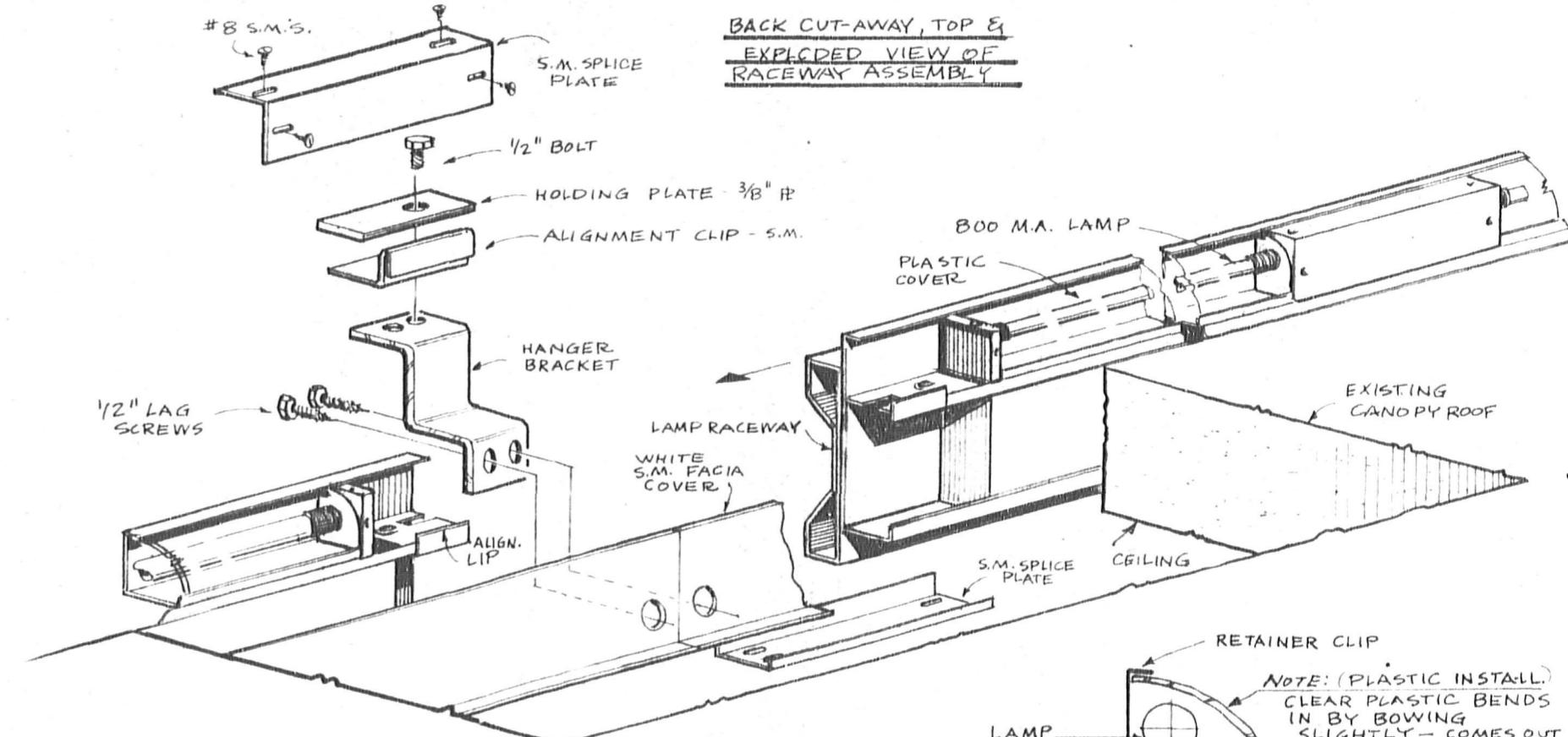
4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg No RRK
Sheet No 1 of 1
Date 4/17/69
Revision No. 2
Scale

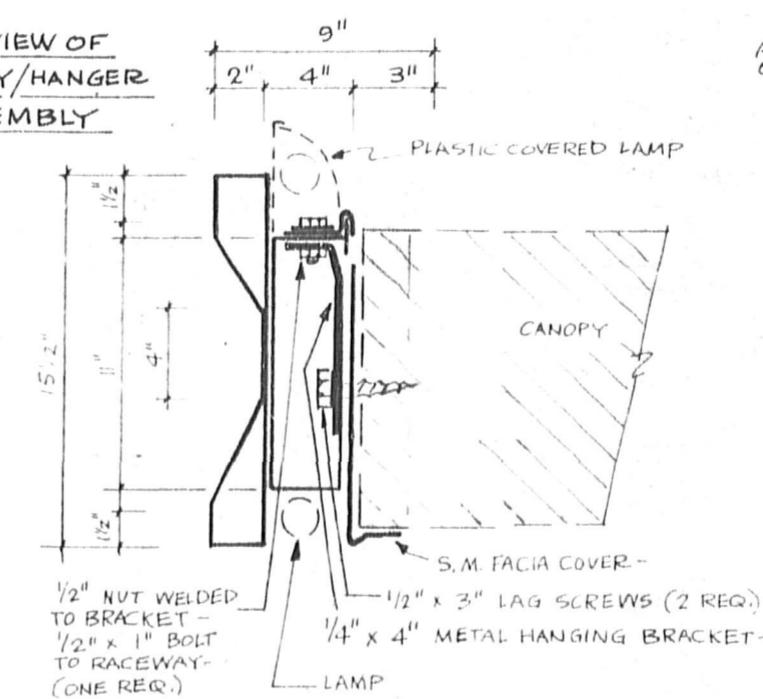


INSTALLATION STEPS

- ① METAL FACIA COVER: MATCH NUMBERS W/ RACEWAY NUMBERS - BUTT SECTIONS - USE HOLES AS TEMPLATE FOR INSTALLING HANGING BRACKET -
 - ② HANGING BRACKET: SECURE W/ TWO 1/2" LAG SCREWS -
 - ③ RACEWAY: MATCH NUMBERS W/ METAL FACIA COVER - INSTALL ON HANGING BRACKET
 - ④ ALIGNMENT: PLACE ALIGNMENT CLIP OVER LIPS OF ADJOINING RACEWAYS - PLACE HOLD DOWN PLATE ON TOP OF ALIGNING CLIP - ALIGN RACEWAYS SECURE 1/2" BOLT -
 - ⑤ SECURE TOP & BOTTOM S.M. SPLICE PLATES -



END VIEW OF
RACEWAY/HANGER
ASSEMBLY



END VIEW OF
PLASTIC COVERED
TOP LAMP

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)

MARK III bldg.
NO gutters



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Site No	SHEET CONTENTS	RACEWAY	W/ BUILDING LIGHT
		(INSTALLATION DETAILS)	
Zone	REVISION	1) CHANGE RACEWAY DIMENSION	8/13/69 Date

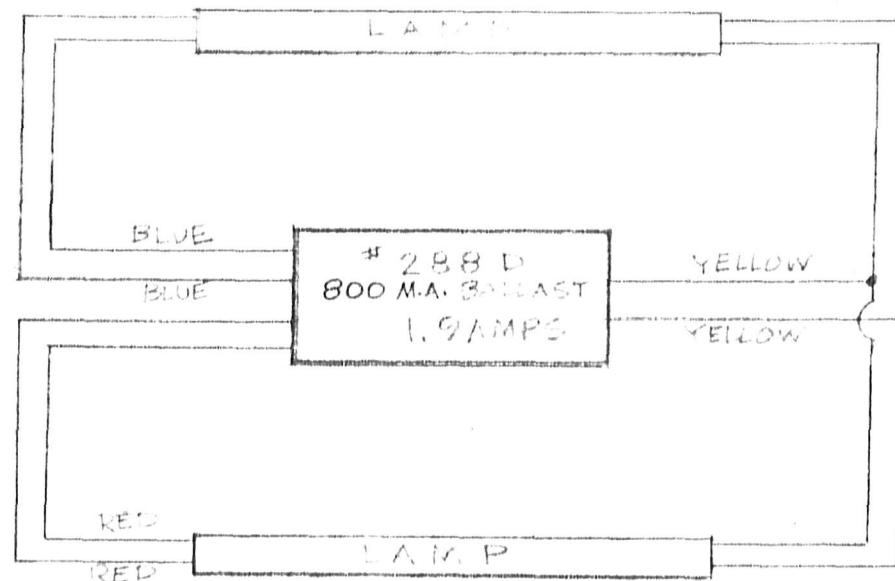
JAC
IN THE
BOX

JACK in the BOX
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LOCATI

Dwg. No. RRL
Sheet No. 1 of 1
Date 5/31/69
Revision No. 1
Scale —

7.7
TYPICAL LAMP/BALLAST LAYOUT IN RACEWAYS



LEGEND:

- (A) 800 MA. BALLASTS
- (B) JUNCTION BOX
- (C) FACIA RACEWAY
- (D) 800 MA. BALLASTS - WALL SIGNS
- SW = SWITCH
- ② = NUMBER OF RACEWAY PIECE

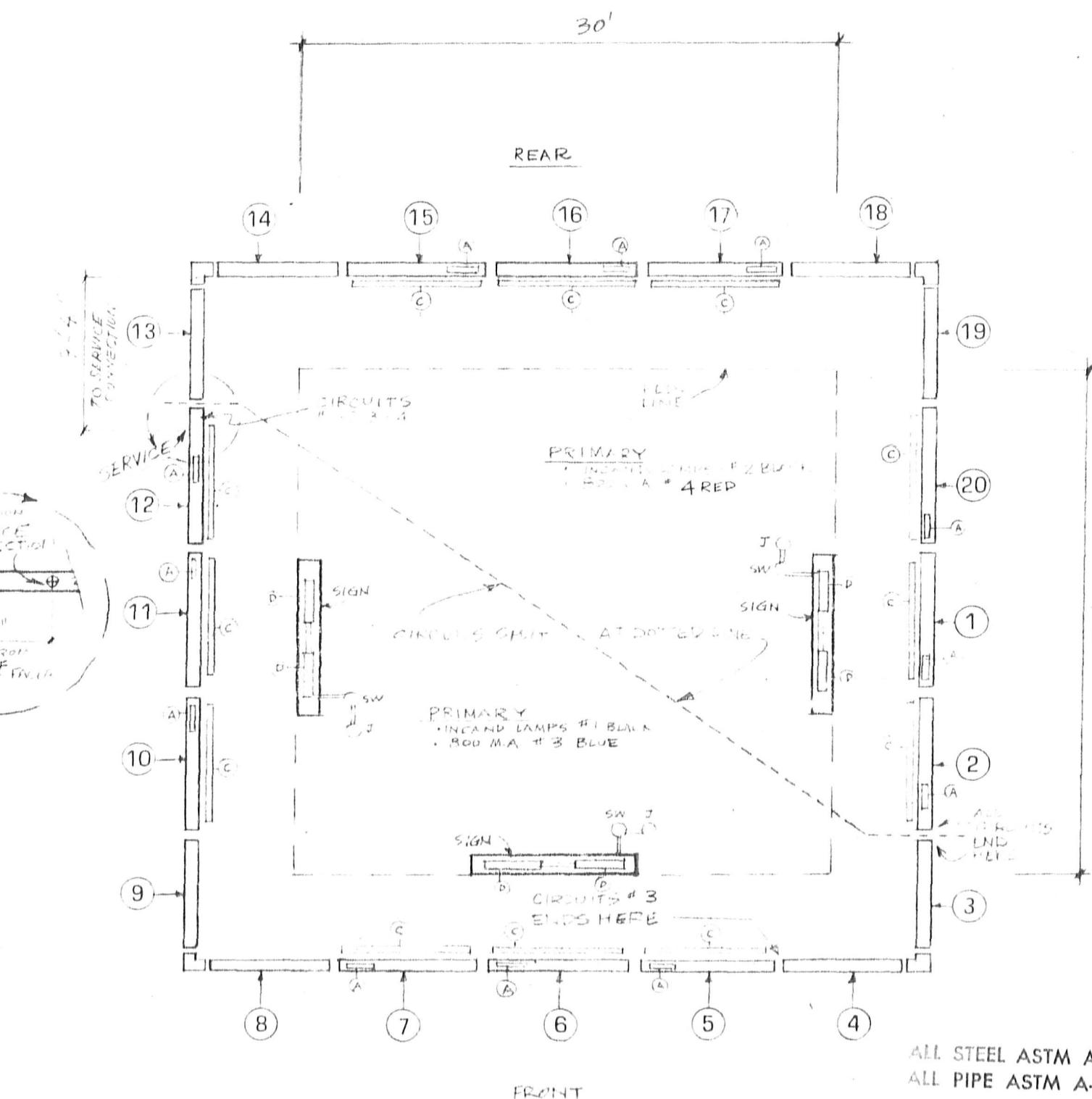
ELECTRICAL LOAD INFORMATION

(IN RACEWAY)
 11 WATTS
 INCANDESCENT LAMPS { 208 LAMPS TOTAL 4 SIDES @ 11 WATTS PER LAMP
 (12 LAMPS #1-2-5-6-7-10-11-12-15-16-17-20) 12 LAMP
 8 LAMPS #3-4-8-9-13-14-18-19 - PER SIDE
 (IN RACEWAY) { TOTAL OF 12 TWO LAMP BALLASTS @ 1.9 AMPS - PER SIDE
 (A) 800 MA.
 24 LAMPS
 LAMPS LOCATED ON TOP & BOTTOM OF RACEWAYS

CIRCUIT #	TOTAL'S PER CIRCUIT AMPS	TOTAL'S PER CIRCUIT WATTS
#1 BLACK	0.2	11.44
#2 BLACK	0.2	11.44
#3 BLUE	11.4	125.4
#4 RED	11.4	125.4

WALL SIGN
 (D) 800 MA.
 B.H.D. LAMPS
 PER SIGN
 3.9 AMPS PER ONE 4 LAMP BALLAST -
 TWO BALLASTS PER SIGN @ 7.8 TOTAL AMPS PER SIGN

TOTAL THREE SIGNS	TOTAL THREE SIGNS
23.4	280.8



ALL STEEL ASTM A-36
 ALL PIPE ASTM A-53 (B)

Mark III bldg.



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LOCATION

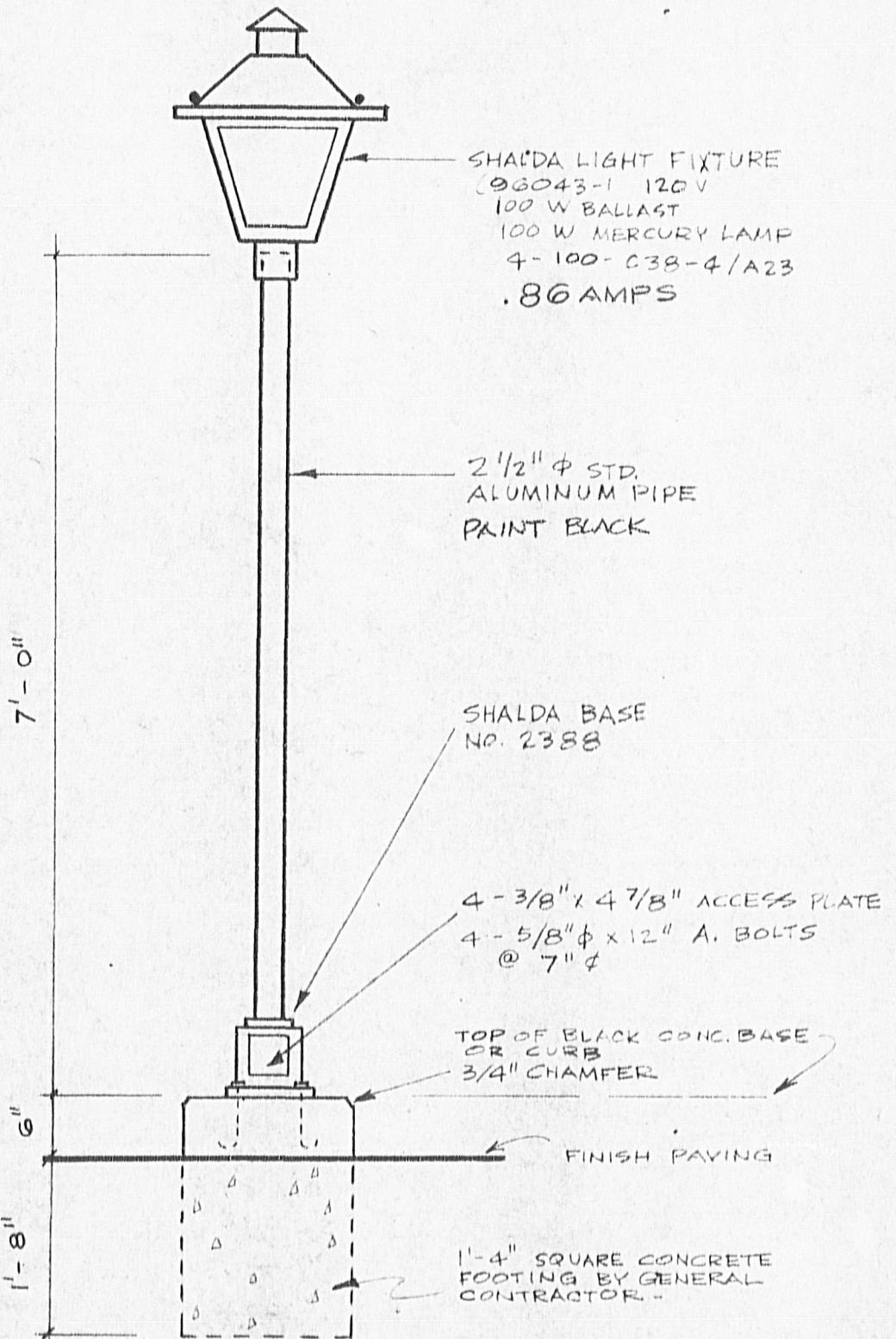
Site No	SHEET CONTENTS		ELECTRICAL	
Zone	Revision	FACIA RACEWAYS - SIGNS - FLUORESCENT FIXTURES		
			Date	Cn

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Dwg No KKE
 Sheet No 1 of 1
 Date 4/22/69
 Revision No 1
 Scale



ALL STEEL ASTM A-16
ALL PIPE ASTM A-36(R)



JACK in the BOX
RESTAURANT

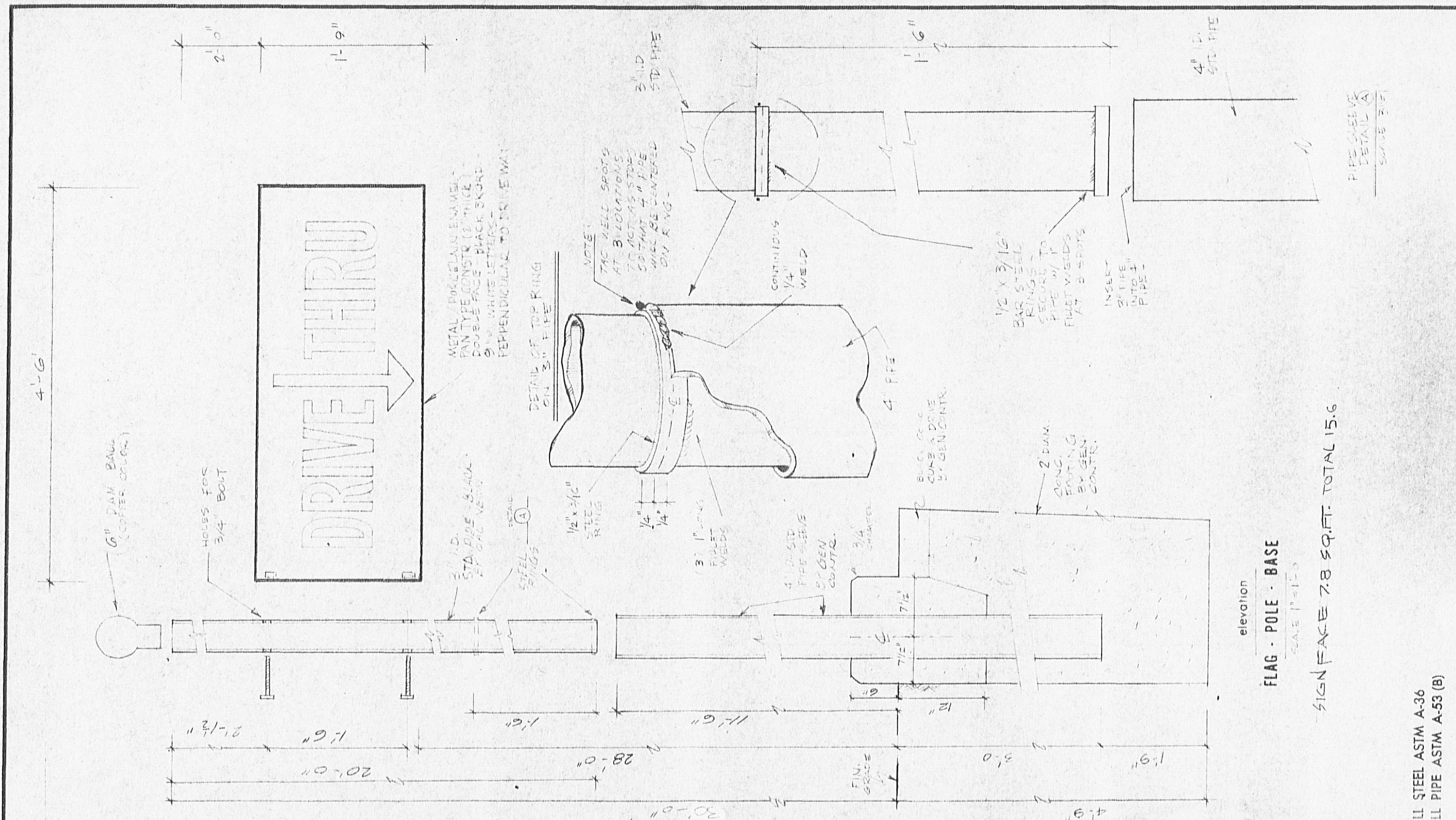
LOCATION _____

Site No.	SHEET CONTENTS LANDSCAPE LIGHT	
Zone	REVISION	Date



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Dwg. No. GG
Sheet No. 1 of 1
Date 12.24.63
Revision No. _____
Scale 3/4" = 1'-0"



ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)

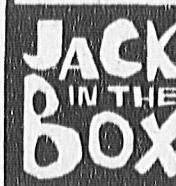
PIPE SCAFFOLD
DETAIL (A)
SHEET B-1

SIGN FACE 7.8 SQ.FT. TOTAL 15.6

FLAG - POLE - BASE

SCALE 1" = 1'-0"

elevation



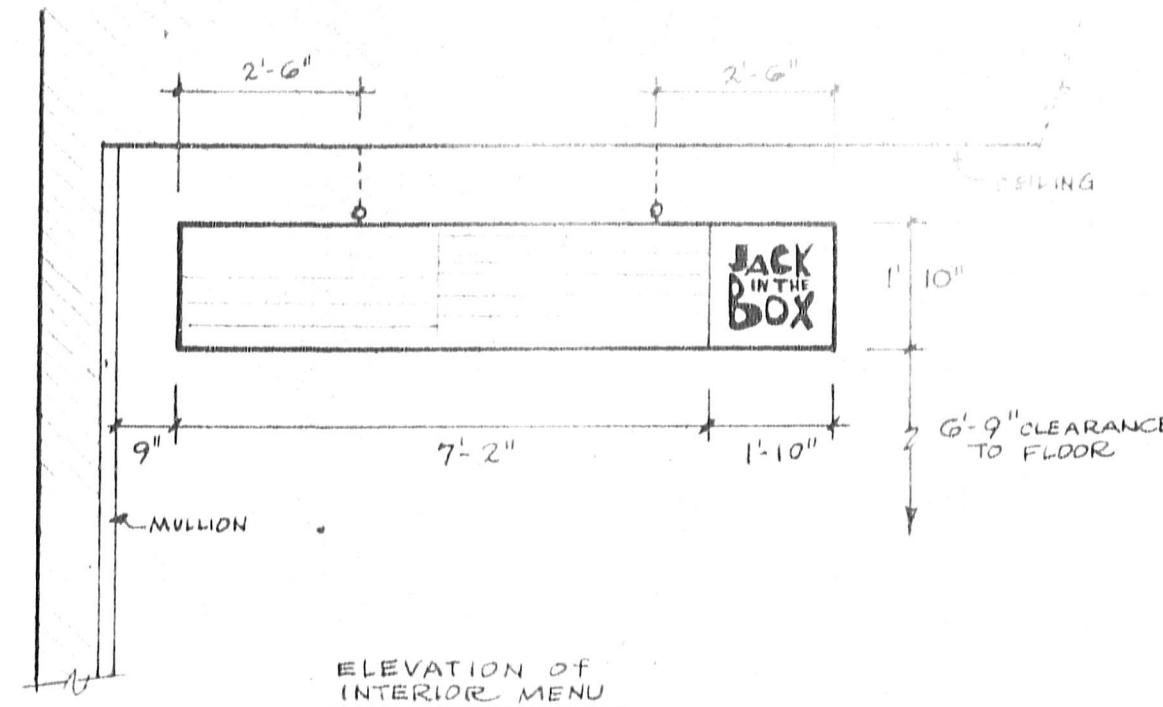
JACK in the BOX
RESTAURANT

LOCATION

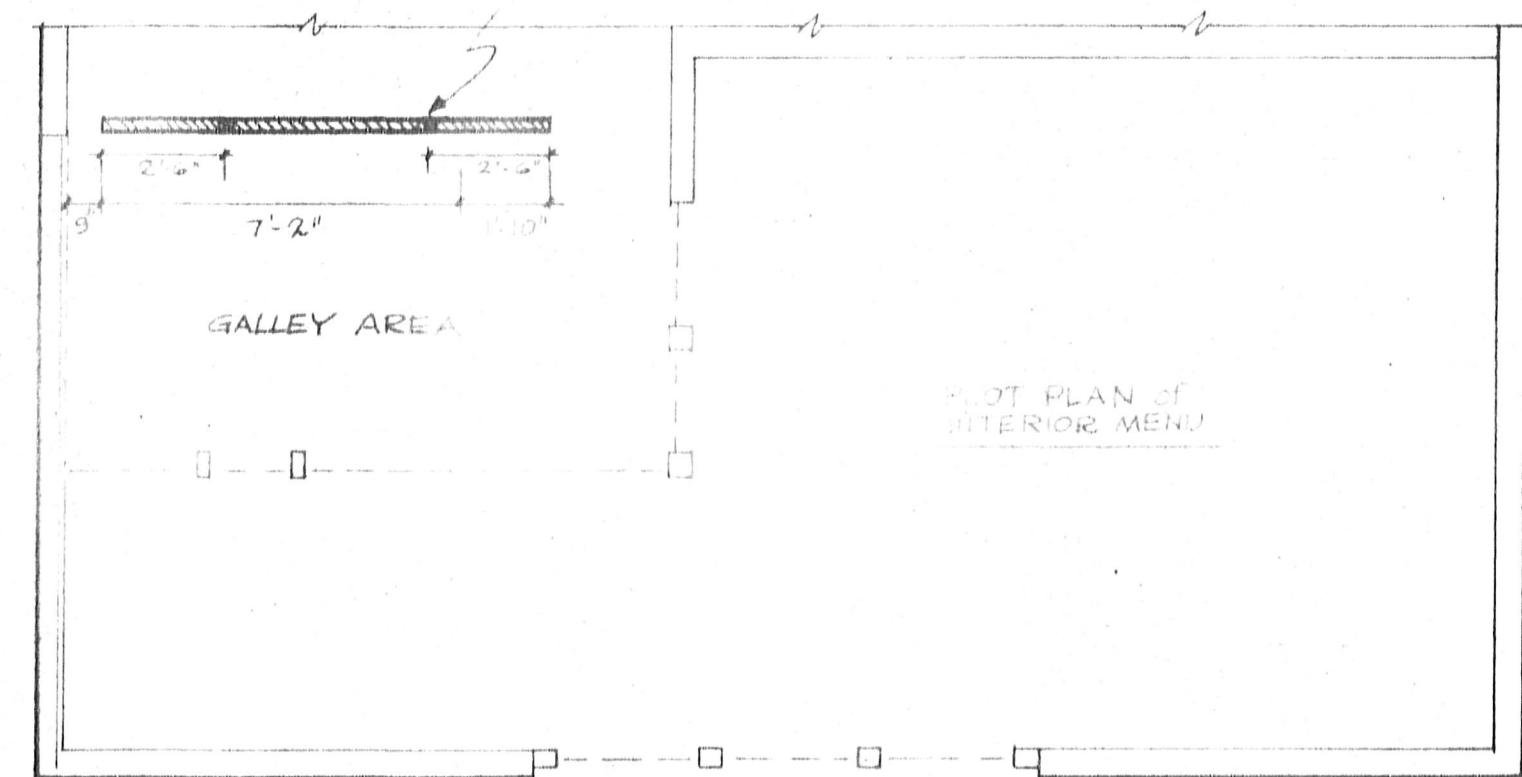
Site No	SHEET CONTENTS		FLAGS & POLES	FABRICATION
Zone	Revision	Date	Cn	

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Dwg No FF
Sheet No 1 of 1
Date 10-3-62
Revision No.
Scale NOTED



METAL/PORCELAIN ENAMEL
MENU W/ J-B LOGO -
SUSPEND 6'-9" ABOVE FLOOR -



ALL STEEL ASTMA - 36
ALL PIPE ASTMA - 53(B)



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RESTAURANT

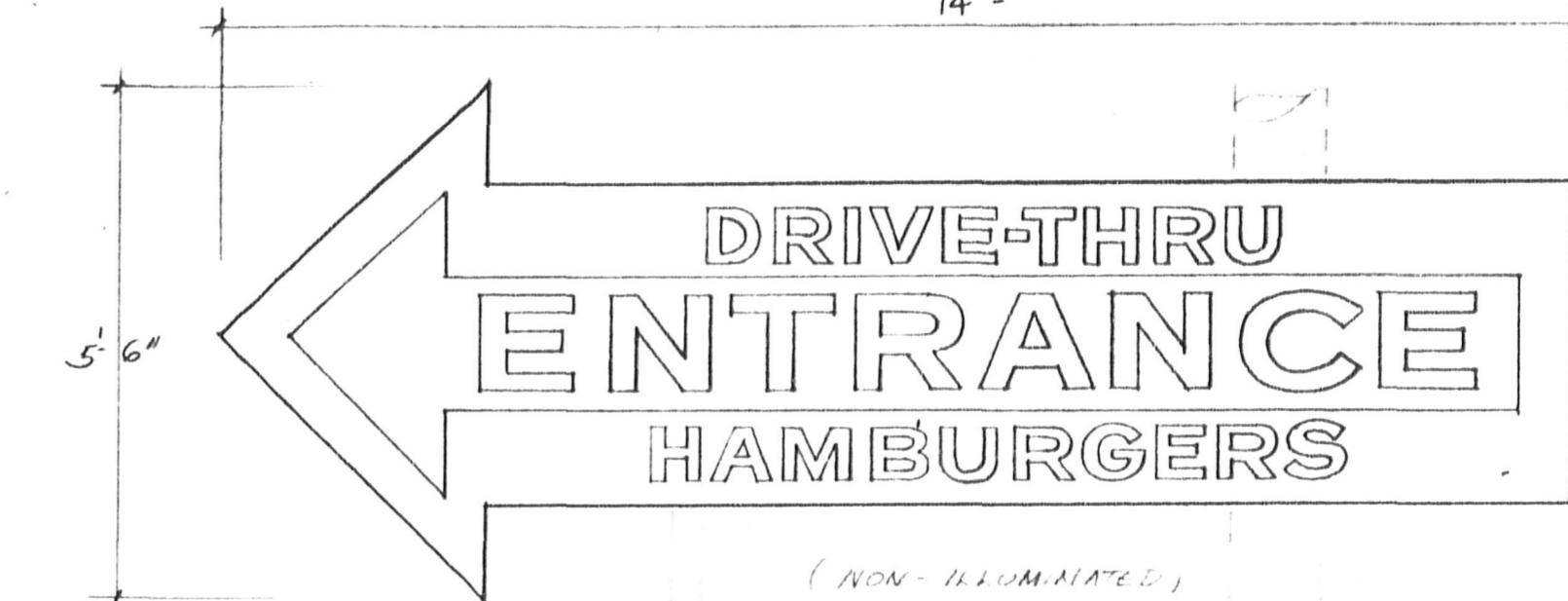
LOCATION _____

Site No	SHEET CONTENTS		MENU (interior)	
Zone	Revision	Date	Ch	Cn

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4530 MISSION CORGE PL. SAN DIEGO, CALIF. 92120

Dwg No. M M A
Sheet No. 1 of 1
Date 8/4/89
Revision No. _____
Scale _____

14' 0"



(NON-ILLUMINATED)

AREA = 49 SQ/FT.

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)



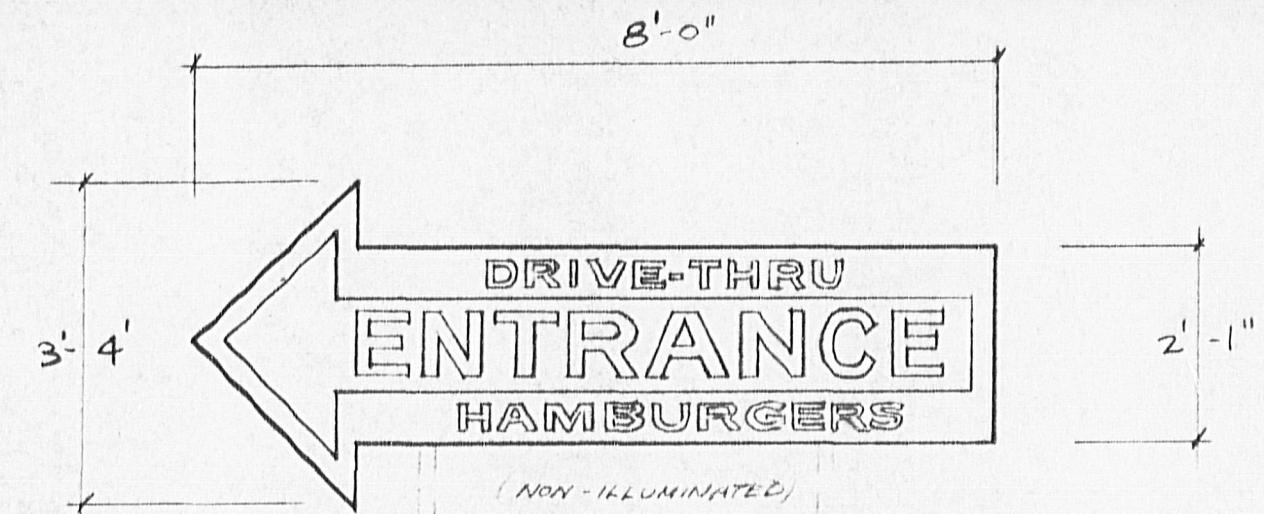
JACK in the BOX
RESTAURANT
LOCATION

Site No	SHEET CONTENTS ENTRANCE ARROW	
Zone	REVISION	Date



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4530 MISSION GORGE PL. SAN DIEGO, CALIF. 92120

Dwg. No. A
Sheet No. 1 of 1
Date 6/9/67
Revision No.
Scale 1/2" = 1'



AREA = 16 SQ/FT.

ALL STEEL ASTM A-36
ALL PIPE ASTM A-53 (B)



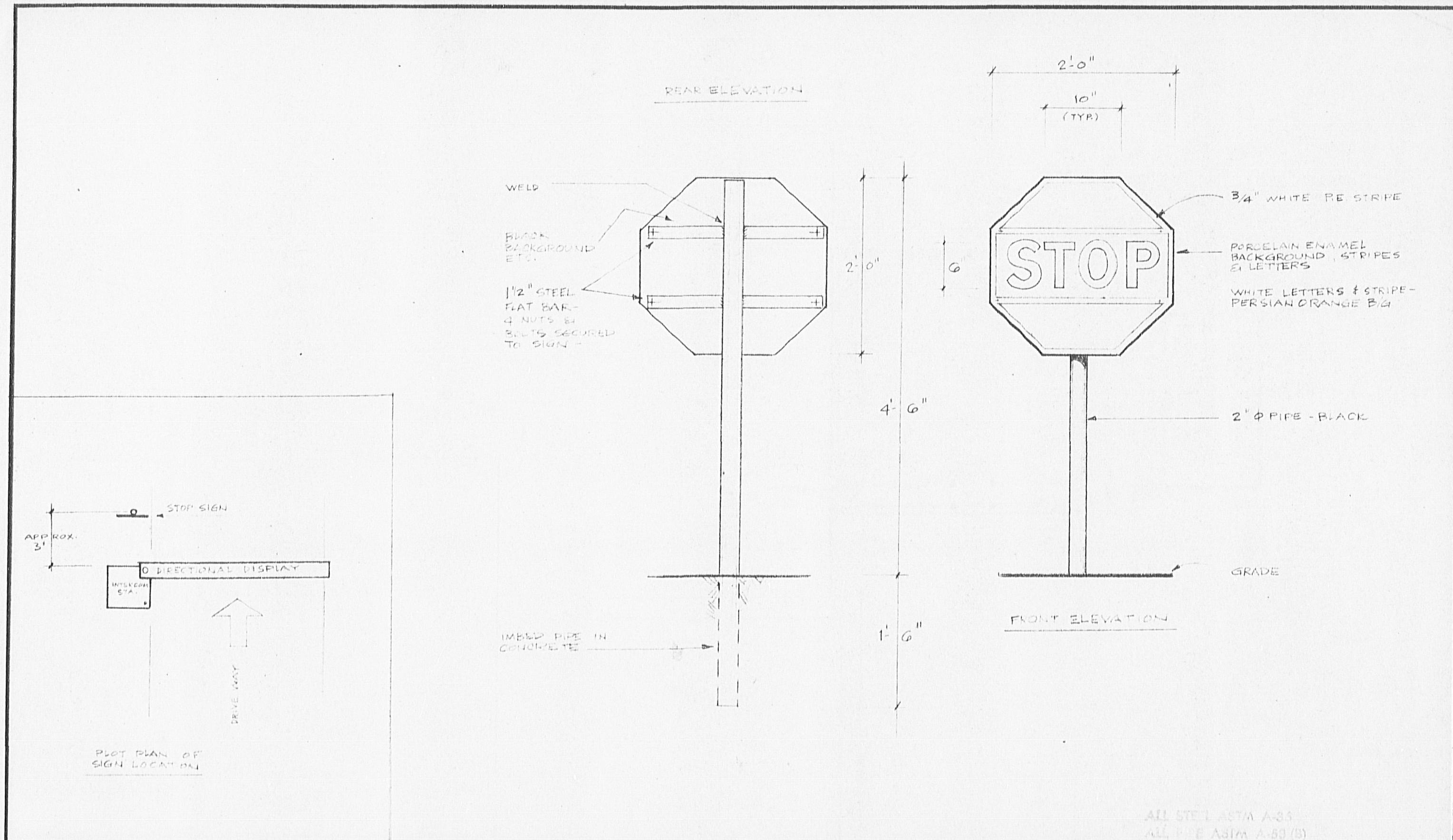
JACK in the BOX
RESTAURANT

LOCATION

Site No	SHEET CONTENTS ENTRANCE ARROW		
Zone	REVISION	Date	Cn

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Dwg. No. AB
Sheet No. 1 of 1
Date 6/9/67
Revision No.
Scale 1/2" = 1'



**JACK
IN THE
BOX**

**JACK in the BOX
RESTAURANT**

LOCATION

Site No	SHEET CONTENTS		STOP SIGN	Date
Zone	Revision			

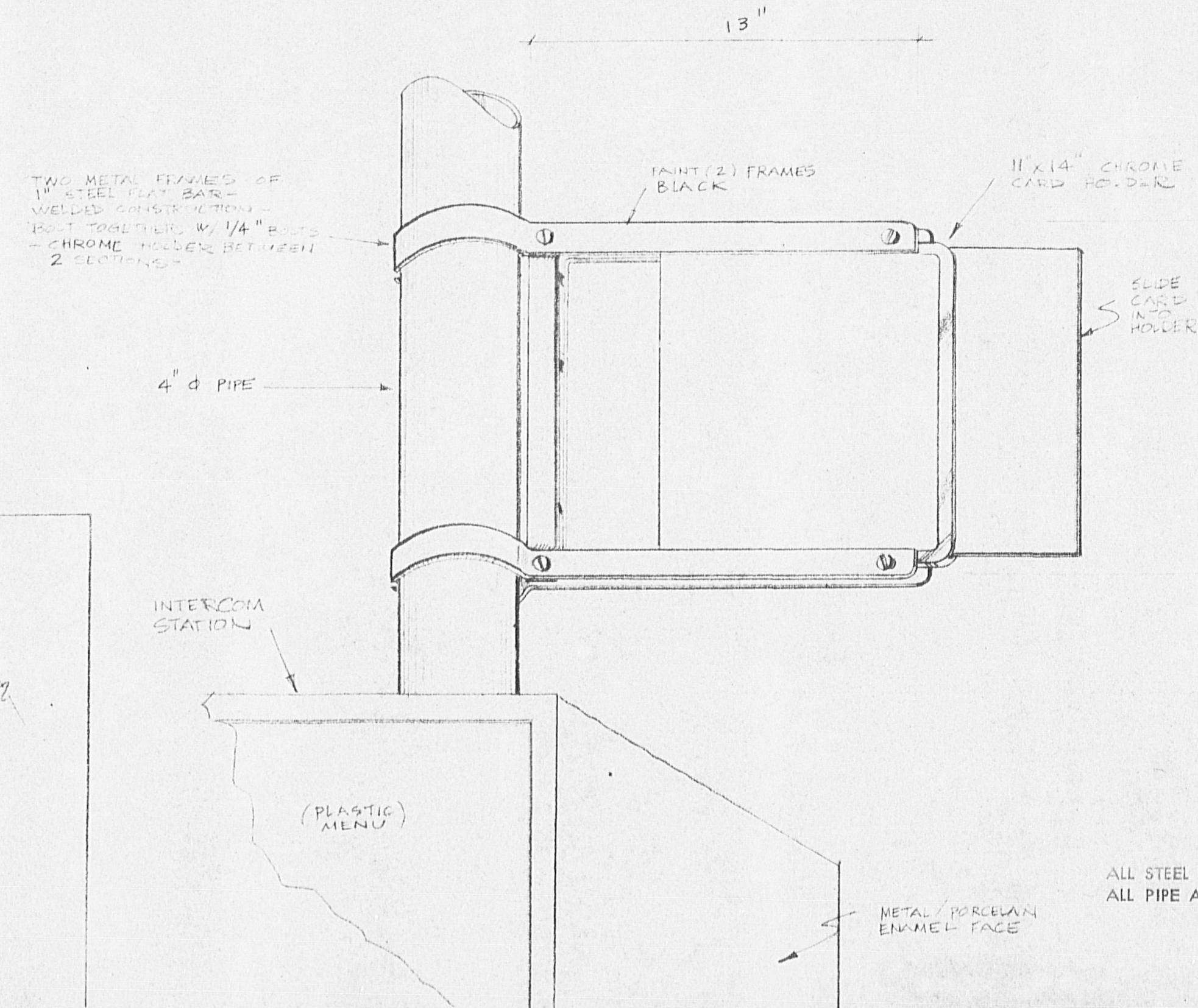
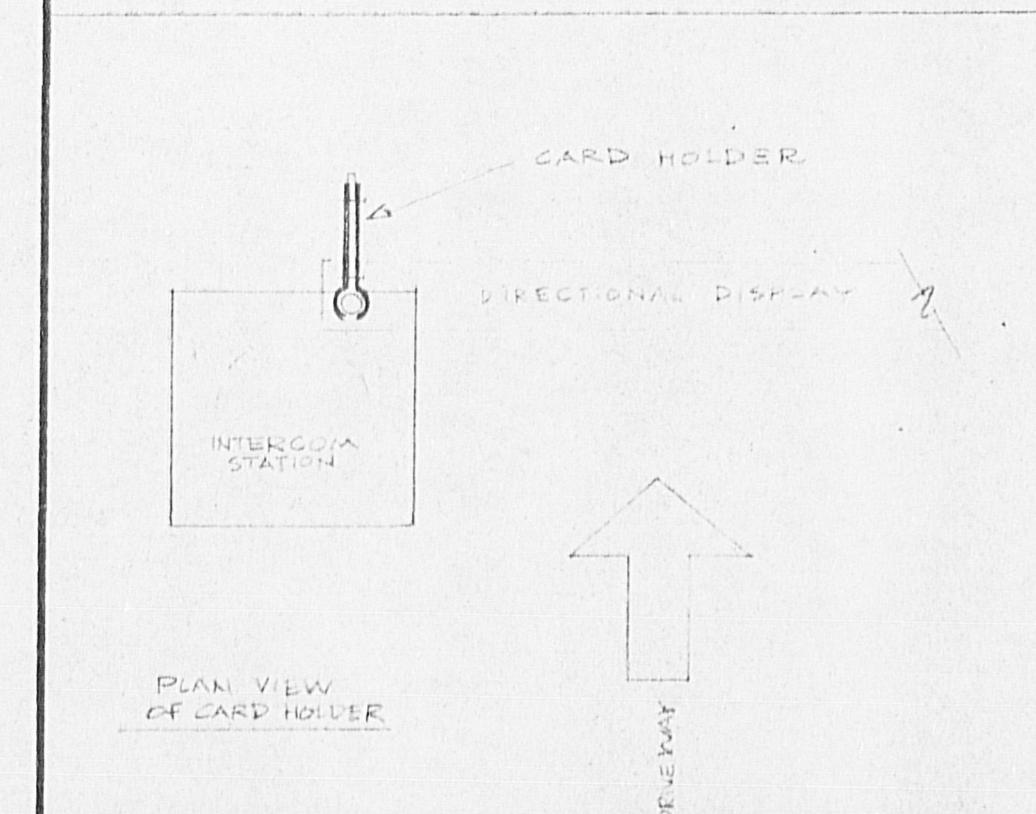
Cn

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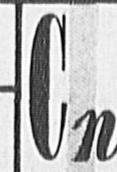
Dwg No. **Q**
Sheet No. **1** of **1**
Date **1/2/69**
Revision No. **1**
Scale **1" = 1'-0"**



JACK in the BOX
RESTAURANT

LOCATION

Site No	SHEET CONTENTS		SIGN HOLDER
Zone	Revision	Date	



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Dwg No. H
Sheet No. 1 of 1
Date 1/2/69
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Scale 3" = 1'-0"